EMI PLASTICS EQUIPMENT

MSDS Sheets

Zip Products

Pure Silicone Mold Release	A511	ME-100E
Food Grade Pure Silicone	A512	ME-175E
Urethane Release	A513	ME-515E
Food Grade Paintable Mold Release	A514	ME-514E
Organo Mold Release	A515	ME-263E
Non SiliconePaintable Mold Release	A516	ME-345E
Zinc Stearate Mold Release	A517	ME-369E
Zip Saver Silicone Mold Release	A518	ZS-101
Zip Saver Paintable Mold Release	A519	ZS-301
Zip Saver Cleaner Degreaser	A520	ZS-2050
Extra Strength Metal Degreaser	A521	ME-2046
Non-Chlorinated Cleaner	A522	ME-5613
Citrahol Precision Metal Cleaner	A523	ME-2000
CS Cleaner Precision Metal Cleaner	A524	CS
Short Term Corrosion Preventive	A525	ME-2410NS
Corrosion Preventive	A526	ME-5050NS
General Purpose Silicone	A527	ME-100S
Food Grade Silicone	A528	ME-175S
Polyurethane Release	A529	ME-515S
Organo Paintable Mold Release	A530	ME-263S
Non Silicone Paintable Mold Release	A531	ME-345S
Food Grade Paintable Mold Release	A532	ME-514S
Pattern Release Mold Release	A533	ME-301S
Special Product Mold Release	A534	ME-341S
EZ Pin Lube	A540	ME-2345E

Material Safety Data Sheet
ME-100E Pure Silicone Mold Release

A511

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Pure Silicone Mold Release
Product Code:	ME-100E
Version Date:	09/07/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5036P	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5103P	None established	None established	10 ppm Mfg. recommend

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Vapors are heavier than air and may accumulate in low areas.

Fire Fighting Instructions: Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Apply water from a safe distance to cool container and protect surrounding area.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-100E Pure Silicone Mold Release

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage.
Storage:	Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available. The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.88
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1% Minimal; 1-9%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	3102 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides.
Decomposition Products:	This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Oxides of siloxanes.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not applicable

Material Safety Data Sheet
ME-100E Pure Silicone Mold Release

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-175E Food Grade Pure Silicone Release

A512

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Food Grade Pure Silicone Release
Product Code:	ME-175E
Version Date:	09/07/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5037P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10).

Fire Fighting Instructions: Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use water spray, foam, dry chemical, or CO2. Apply water from a safe distance to cool container and protect surrounding area.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-175E Food Grade Pure Silicone Release

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Storage: Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.95
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1% Minimal; 1-9%
Specific Gravity:	0.86 @ 70 deg F	Boiling Point:	-13.0 deg F
Vapor Pressure:	4137.6 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Oxides of siloxanes.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not Applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-175E Food Grade Pure Silicone Release

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT
No components listed in this section.		

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT
No components listed in this section.		

Material Safety Data Sheet
ME-515E **Polyurethane Mold Release**
A513

Stoner 1-800-227-5538

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Polyurethane Mold Release
Product Code: ME-515E
Version Date: 01/11/05
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated Hydrocarbon/ Ether Blend	N/A	None Established	None Established	500 ppm WEEL (AIHA)
NJ Trade Secret Registry	#80100382-5008P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE:

Eye: Eye contact with liquid or vapor may cause irritation.

Skin: Skin contact with the liquid may cause freezing of the skin or irritation. Contact with liquid may cause drying of skin. The chemical itself is not an irritant or sensitizer.

Ingestion: Ingestion is not considered a potential route of exposure. Discomfort due to volatility would be expected. If swallowed symptoms may include: Gastrointestinal irritation (such as nausea, vomiting, and diarrhea). Central nervous system effects (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Inhalation: Overexposure by inhalation of vapors may cause respiratory irritation or nonspecific discomfort such as nausea, headache or weakness. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Gross overexposure may be fatal. Inhalation of respirable aerosols of the lubricant in this product may cause serious toxic effects in the lungs, based on animal studies.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE:
This product contains a material which can generate formaldehyde vapors when exposed to temperatures exceeding 302°F (150°C) in the presence of air. Formaldehyde is a potential cancer hazard, causes irritation and sensitization of the skin and respiratory system, causes eye and throat irritation, and is acutely toxic. Safe conditions of use can be ensured by monitoring and controlling vapor concentrations in accordance with 29 CFR 1910.1048
THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.

Skin: In case of skin contact, wash thoroughly with soap and water.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician.

Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

NOTES TO PHYSICIAN:
Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue and can be dangerous.

Fire Fighting Instructions: Use CO_2, foam or dry chemical.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be

ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

7. HANDLING, STORAGE AND DISPOSAL

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure. Do not puncture or incinerate. Do not remove or deface label.
Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120°F.
Disposal: Dispose according to Federal, State and local regulations. "Empty" containers may contain residual product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.
Eye Protection: The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection: If the possibility exists that aerosols or mists may be inhaled while handling or processing this material, the use of a NIOSH/MSHA approved dust, fume, and mist respirator designed as respiratory protection against dust, fumes, and mist of materials having an exposure limit of less than 0.05 mg/m3 is recommended. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) > 1
Appearance:	clear, colorless	Evaporation Rate:	(butyl acetate = 1) > 1
Odor:	slight ethereal odor	Solubility in Water:	insoluble
Specific Gravity:	0.86 @ 70°F	Boiling Point:	Not applicable
Vapor Pressure:	50 psig @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: stable
Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Freshly abraded aluminum surfaces. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Oxidizers, carbon monoxide, acetic acids, organic acid anhydrides.
Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Halogens, halogen acids, and possibly carbonyl halides, such as phosgene.

11. REGULATORY INFORMATION

SARA SECTION 313:
This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
Dichlorofluoroethane	1717-00-6	40 –50%

TSCA STATUS:
All components of this product are listed on the TSCA inventory
CA PROPOSITION 65:
Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#	% by Weight
No components listed in this section		

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #	% by Weight
No components listed in this section		

Material Safety Data Sheet
ME-514E Paintable Mold Release

A514

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Paintable Mold Release
Product Code:	ME-514E
Version Date:	09/14/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	#80100382-5039P	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5103P	None established	None established	10 ppm Mfg. recommend

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite. Prolonged or repeated exposure may dry the skin.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness. Inhalation of respirable aerosols of the lubricant in this product may cause serious toxic effects in the lungs, based on animal studies.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

Material Safety Data Sheet
ME-514E Paintable Mold Release
A 514

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions. May become combustible at high temperatures. Rapid depolymerization can occur in a fire to produce flammable vapors. Vapors are heavier than air and may accumulate in low areas.
Fire Fighting Instructions:	Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use water spray, foam, dry chemical, or CO2. Apply water from a safe distance to cool container and protect surrounding area.
Aerosol Flame Projection Test:	Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Clean up with absorbent material. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Normal precautions common to safe manufacturing practice should be followed in handling and storage.
Storage:	Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.88
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	2585 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides. Avoid contact with open flames, electric arcs, or other hot surfaces which can cause thermal decomposition.
Decomposition Products:	This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Oxides of siloxanes.

Material Safety Data Sheet
ME-514E Paintable Mold Release

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-263E ZIP ME-263E Organo Paintable Mold Release
A515

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Organo Paintable Mold Release
Product Code:	ME-263E
Version Date:	09/07/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5003P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician. Rinse mouth thoroughly with water.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions.

Fire Fighting Instructions: Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use CO2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used to cool closed containers.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-263E ZIP ME-263E Organo Paintable Mold Release

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Storage: Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous. Keep from extreme temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.94
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	4396.2 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Silicon dioxide Oxides of carbon.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not Applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-263E ZIP ME-263E Organo Paintable Mold Release

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-345E Paintable Mold Release

A516

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Paintable Mold Release
Product Code:	ME-345E
Version Date:	09/16/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	#80100382-5041P	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5103P	None established	None established	10 ppm Mfg. recommend

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite.

Ingestion : Ingestion is not considered a potential route of exposure. Swallowing small amounts during handling is not likely to cause harmful effects.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Ingestion is an unlikely route of exposure. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Containers may rupture or explode under fire conditions.

Fire Fighting Instructions: Water is generally not effective and may spread fire; however, water spray may be used to cool closed containers.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-345E Paintable Mold Release

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Clean up with absorbent material. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Avoid breathing mist. Wash thoroughly after handling. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Storage: Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.89
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	3102 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Carbon monoxide. Acetic acids. Organic acid anhydrides. Strong acids, strong bases, strong oxidizing agents

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various Hydrocarbons. Alcohols Ethers Oxides of siloxanes.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not applicable

Material Safety Data Sheet
ME-345E Paintable Mold Release

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-369E Zinc Stearate Mold Release

A517

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Zinc Stearate Mold Release
Product Code:	ME-369E
Version Date:	09/08/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
Dimethylcarbinol	67-63-0	400 ppm	400 ppm	500 ppm STEL
NJ Trade Secret Registry	#80100382-5042-P	10 mg/m³ as nuisance dust	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite. Skin contact may cause irritation. Symptoms may include redness, discomfort, drying and cracking, or rash.

Ingestion : Ingestion is not considered a potential route of exposure. Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects. Confusion, impaired coordination, coma, and death. Inhalation may cause irritation of the upper respiratory passages.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects;

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention. Keep the victim warm and quiet.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; liver;

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions. Flammable Liquid: can release vapors that may be ignited at temperatures above or at the flash point. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.
Fire Fighting Instructions:	Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use alcohol foam, water fog, dry chemical, or CO2.
Aerosol Flame Projection Test:	Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Clean up with absorbent material. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Place absorbent materials into container and close it tightly. Dispose of container properly. Wear appropriate clothing. Clean spills in a manner that does not disperse dust into the air. Place waste material into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Do not use near ignition sources. If ventilation is not sufficient, wear proper respiratory equipment. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. All 5 gallon and lager containers should be grounded and/or bonded when material is transfered. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Avoid contact with material. Avoid breathing dust. Avoid getting in eyes and skin.
Storage:	Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. For higher dust/mist concentrations, a NIOSH approved dust/mist respirator is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.99
Appearance:	White	Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	3102 mmHg @ 70 deg F	pH:	Not Applicable

Material Safety Data Sheet
ME-369E Zinc Stearate Mold Release

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides. Open flames and high temperatures. Acetaldehyde. Acids. Chlorine. Ethylene oxide. Isocyanates. Strong oxidizing agents. Do not use with aluminum equipment at temperatures above 120°F. Avoid contact with strong oxidizing agents.
Decomposition Products:	This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide. Carbon monoxide. Carbon dioxide and carbon monoxide.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ZS-101 Pure Silicone Mold Release

AS18

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Pure Silicone Mold Release
Product Code:	ZS-101
Version Date:	10/03/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Aliphatic Hydrocarbon	142-82-5	400 ppm	400 ppm	500 ppm
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5036P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Skin contact may cause irritation. Symptoms may include redness, burning, drying and cracking, and other skin damage. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Liquid may cause frostbite.

Ingestion : Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects. Confusion, impaired coordination, coma, and death. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: effects on hearing;

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 0 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave alone. Seek medical attention.

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; central nervous system; auditory system; arrhythmias (irregular heartbeats); Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

Material Safety Data Sheet
ZS-101 Pure Silicone Mold Release

A518

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	Flammable Liquid: can release vapors that may be ignited at temperatures above or at the flash point. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Empty" containers retain product residue and can be dangerous." Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10).
Fire Fighting Instructions:	Use CO2, foam or dry chemical. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Use water spray, foam, dry chemical, or CO2. Apply water from a safe distance to cool container and protect surrounding area.
Aerosol Flame Projection Test:	Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Clean up with absorbent material. Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling:	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.
Storage:	Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Do not store at temperatures above 120*F. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available. The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 2.78
Appearance:	Clear Colorless	Evaporation Rate:	0.5-2 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1% Minimal; 1-9%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	4551.4 mmHg @ 70 deg F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong oxidizing agents. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides. Powdered metals.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various Hydrocarbons. If heated wtih peroxides present, violent decomposition can occur. Oxides of siloxanes.

Material Safety Data Sheet
ZS-101 Pure Silicone Mold Release

A518

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not Applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ZS-301
Non-silicone Mold Release
A519

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Non-silicone Mold Release
Product Code: ZS-301
Version Date: 02/01/00
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Aliphatic Hydrocarbon	142-82-5	400 ppm	400 ppm	STEL 500 ppm (OSHA/ ACGIH)
Dimethyl Ether	115-10-6	None Established	None Established	1000 ppm AEL (DuPont)
NJ Trade Secret Registry	#80100382-5041P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE

Eye: Eye contact with liquid or vapor may cause irritation. Symptoms may include stinging, tearing, and redness.

Skin: Skin contact with the liquid may cause freezing of the skin or irritation. Prolonged or repeated exposure may dry the skin. Symptoms may indude redness, burning, drying and cracking, and skin burns. Pre-existing skin disorders may be aggravated by exposure to this material.

Ingestion: Ingestion is not considered a potential route of exposure. Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation: Overexposure by inhalation of vapors may cause respiratory irritation or nonspecific discomfort such as nausea, headache or weakness. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Gross overexposure may be fatal.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE
No chronic health effects known.
THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.

Skin: In case of skin contact, wash thoroughly with soap and water. Remove contaminated clothes. Launder contaminated clothes before reuse. If symptoms persist, seek medical attention.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If individual is drowsy or unconscious, place on the left side with the head down. If possible, do not leave individual unattended. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

NOTES TO PHYSICIAN:
Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung(for example, asthma-like conditions).

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec. 10). Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue and can be

dangerous.

Fire Fighting Instructions: Use dry chemical, foam, or CO_2; water may be ineffective but should be used to keep exposed containers cool. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity.

Aerosol Flame Projection Test: Extremely flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
For spills resulting in significant release in a confined area, warn others and leave immediately. Exposure to excessive vapor concentration in confined spaces may cause significant injury. Remove all sources of ignition. Evacuate area until vapor has dispersed. Stop or reduce discharge if it can be done safely. Dike larger spills to minimize the contaminated area and facilitate salvage or disposal. Soak up with an absorbent material. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Advise authorities of larger spills.

7. HANDLING, STORAGE AND DISPOSAL

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure. Do not puncture or incinerate. Do not remove or deface label.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120°F.

Disposal: Dispose according to Federal, State and local regulations. "Empty" containers may contain residual product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.

Eye Protection: The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/ mist/ organic vapor respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) >1
Appearance:	clear, colorless	Evaporation Rate:	(butyl acetate = 1) >1
Odor:	slight ethereal odor	Solubility in Water:	insoluble
Specific Gravity:	0.71@ 70°F	Boiling Point:	Not applicable
Vapor Pressure:	68 psig @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: stable

Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Oxidizers, carbon monoxide, acetic acids, organic acid anhydrides.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various Hydrocarbons.

11. REGULATORY INFORMATION

SARA SECTION 313:

This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
No components listed in this section		

TSCA STATUS:

All components of this product are listed on the TSCA inventory

CA PROPOSITION 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#
No components listed in this section	

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #
No components listed in this section	

Material Safety Data Sheet
ZS-2050 Mold Cleaner

A520

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Mold Cleaner
Product Code:	ZS-2050
Version Date:	10/10/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Aliphatic Hydrocarbon	142-82-5	400 ppm	400 ppm	500 ppm
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	None
Isopropyl acetate	108-21-4	100 ppm	250 ppm	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Skin contact may cause irritation. Symptoms may include redness, burning, drying and cracking, and other skin damage. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Ingestion : Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation : Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects. Confusion, impaired coordination, coma, and death.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: effects on hearing; liver damage;

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Skin contact may aggravate an existing dermatitis.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 0 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting. Ingestion is an unlikely route of exposure.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave alone. Seek medical attention.

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; central nervous system; auditory system; arrhythmias (irregular heartbeats); Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. liver;

Material Safety Data Sheet
ZS-2050 Mold Cleaner

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	Flammable Liquid: can release vapors that may be ignited at temperatures above or at the flash point. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Empty" containers retain product residue and can be dangerous." Containers may rupture or explode under fire conditions.
Fire Fighting Instructions:	Use CO2, foam or dry chemical. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Water is generally not effective and may spread fire; however, water spray may be used to cool closed containers.
Aerosol Flame Projection Test:	Extremely flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Clean up with absorbent material. Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling:	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.
Storage:	Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Do not store at temperatures above 120*F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 3.38
Appearance:	Clear Colorless	Evaporation Rate:	2-10 (n-Butyl acetate = 1)
Odor:	Petroleum	Solubility in Water:	Insoluble Negligible; 0-1%
Specific Gravity:	0.69 @ 70 deg F	Boiling Point:	200 deg F
Vapor Pressure:	4394.5 mmHg @ 70 deg F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong oxidizing agents. Avoid contact with alkali metals, alkaline earth metals, metal acetylides, chromium, titanium above 550° C, uranium above 750° C. Strong bases.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various Hydrocarbons.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

Material Safety Data Sheet
ZS-2050 Mold Cleaner

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, flammable	UN Number:	UN1950
IATA Name:	Aerosols, flammable	Hazardous Class:	2.1
		Packing Group:	Not applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT
Ethylene glycol monomethyl ether	108-21-4	1- 10

Material Safety Data Sheet
ME-2046 Metal Degreaser

A521

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Metal Degreaser
Product Code:	ME-2046
Version Date:	10/03/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Trichloroethylene	79-01-6	50 ppm	100 ppm	None
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	None

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness. Mild, temporary damage possible.

Skin : Skin contact may cause irritation. Symptoms may include redness, burning, drying and cracking, and other skin damage. Prolonged or repeated contact with liquid can cause irritation and dermatitis. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Liquid may cause frostbite.

Ingestion : This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation : Breathing high concentrations of vapors or mists may cause irritation of the nose, throat and signs of nervous system depression (e.g. headache, drowsiness, dizziness, loss of coordination, fatigue, loss of consciousness or death depending on duration of exposure). Exposure to high concentrations can cause irregular heartbeat, cardiac arrest and death.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: toxic effects in the liver; toxic effects in the kidneys; nervous system effects; toxic effects on other internal organs; rhythm disorders of the heart;

Cancer Information: Trichloroethylene has been extensively studied for chronic effects in animals. While there are studies in which tumors were induced in mice, there is no evidence that trichloroethylene poses a carcinogenic risk to humans. IARC has classified Trichloroethylene in Group 2A as a substance considered probably carcinogenic to humans. It is not listed by NTP and OSHA.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Alcoholism, acute and chronic kidney or liver disease, rhythim disorders of the heart, and neuritis and other disorders of the nervous system. Exposure can result in cardiac sensitization and increase the risk of cardiac arrest.

HAZARDOUS WARNINGS HMIS:

Health: 2 Flammability: 1 Reactivity: 0 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting. Ingestion is an unlikely route of exposure.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave alone. Seek medical attention. Keep the victim warm and quiet.

NOTES TO PHYSICIAN:

Chlorinated hydrocarbons may sensitize the heart to epinephrine and other circulating catecholamines so that arrhythmias may occur.

Material Safety Data Sheet
ME-2046 Metal Degreaser

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	No flash point detected, but concentrated vapors can be ignited by high intensity energy source. Containers may rupture or explode under fire conditions.
Fire Fighting Instructions:	Apply water from a safe distance to cool container and protect surrounding area. Avoid breathing the products and substances that may result from the thermal decomposition of the product or other substances in the fire zone. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.
Aerosol Flame Projection Test:	Non-flammable aerosol, as determined by ASTM D 3065-94.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Ventilate contaminated area.

7. HANDLING AND STORAGE

Handling:	This material, being heavier than air, tends to accumulate near the floor of an enclosed space displacing the air upward and creates and oxygen-deficient atmosphere. Use with adequate ventilation.
Storage:	Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 4.38
Appearance:	Clear Colorless	Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)
Odor:	Sweet	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1.3 @ 70 deg F	Boiling Point:	188 deg F
Vapor Pressure:	5068.6 mmHg @ 70 deg F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with open flames, electric arcs, or other hot surfaces which can cause thermal decomposition. Avoid contact with: Strong alkalies. Oxidizers. Barium. Lithium. Magnesium. Titanium. Aluminum equipment should not be used for storage or transfer. Contact with aluminum parts in a pressurizable fluid system may cause violent reaction. Liquid oxygen or other strong oxidants may form explosive mixtures with a component(s). Avoid contact with alkali metals, alkaline earth metals, metal acetylides, chromium, titanium above 550° C, uranium above 750° C.
Decomposition Products:	Hydrogen chloride Phosgene Chlorine Carbon monoxide. Oxygen

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

Material Safety Data Sheet
ME-2046 Metal Degreaser

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosol, non-flammable	UN Number:	UN1950
IATA Name:	Aerosol, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not Applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT
Trichloroethylene	79-01-6	90 - 100

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT
Trichloroethylene	79-01-6	90 - 100

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT
No components listed in this section.		

Material Safety Data Sheet
ME-5613
Non-Chlorinated Cleaner/Degreaser
A522

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Non-Chlorinated Cleaner/Degreaser
Product Code: ME-5613
Version Date: 04/30/03
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Isoparaffinic Hydrocarbon	64742-48-9	None Established	None Established	300 ppm (manuf. recommended)
1-propoxy-2propanol	1569-01-3	None Established	None Established	None Established
Dimethyl Ether	115-10-6	None established	None established	1000 ppm AEL (DuPont)
Citrus Distillates	5989-27-5	None Established	None Established	FDA GRAS

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, or mists should be minimized.

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE

Eye: Eye contact with liquid or vapor may cause irritation. Symptoms may include stinging, tearing, and redness.

Skin: Skin contact may cause irritation. Contains a potential skin sensitizer. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Skin absorption is possible. Harmful effects are not expected from this route of exposure under normal conditions of handling and use.

Ingestion: Ingestion is not considered a potential route of exposure. Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. If swallowed symptoms may include: Gastrointestinal irritation (such as nausea, vomiting, and diarrhea). Central nervous system effects (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness). This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation: Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Inhalation can cause nose, throat, and respiratory tract irritation, coughing and headache. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE

Prolonged or repeated exposure can cause drying, defatting, and dermatitis of the skin. Overexposure to this material (or a component) may cause the following effects: kidney damage, liver damage. Overexposure to this material (or a component) has been suggested to cause the following effects in laboratory animals: eye damage. This material or a component(s) has been shown to cause birth defects in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Skin contact may aggravate an existing dermatitis.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.

Skin: In case of skin contact, wash thoroughly with soap and water. Remove contaminated clothes. Launder contaminated clothes before reuse. If symptoms persist, seek medical attention.

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Obtain medical attention immediately. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If possible, do not leave individual unattended.

Inhalation: Remove affected person to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. Individuals with preexisting diseases to the central nervous or cardiovascular system may have increased susceptibility to the toxicity of excessive exposures. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung(for example, asthma-like conditions), liver, kidney, eye.

Chemical Name	CAS#
No components listed in this section	

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #
No components listed in this section	

Material Safety Data Sheet
ME-2000
A523

Citrahol Precision Metal Cleaner

Stoner
1-800-227-5538

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Citrahol Precision Metal Cleaner
Product Code: ME-2000
Version Date: 01/11/05
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Dimethylcarbinol	67-63-0	400 ppm	400 ppm	500 ppm STEL
Citrus Distillates	5989-27-5	None Established	None Established	FDA GRAS
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE:

Eye: Eye contact with liquid or vapor may cause irritation. Symptoms may include stinging, tearing, and redness.

Skin: Skin contact may cause irritation. Contains a potential skin sensitizer. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Skin absorption is possible. Harmful effects are not expected from this route of exposure under normal conditions of handling and use.

Ingestion: Ingestion is not considered a potential route of exposure. Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. If swallowed symptoms may include: Gastrointestinal irritation (such as nausea, vomiting, and diarrhea). Central nervous system effects (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness). May cause mild, reversible liver effects. May cause kidney damage. Pulmonary edema(swelling and collection of fluid in the lungs) Effects on the heart rate.

Inhalation: Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Inhalation can cause nose, throat, and respiratory tract irritation, coughing and headache. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE:

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain. Overexposure to this material (or its components) has apparently been found to cause the following effects in Laboratory animals: mild, reversible liver effects

THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.

Skin: In case of skin contact, wash thoroughly with soap and water. Remove contaminated clothes. Launder contaminated clothes before reuse. If symptoms persist, seek medical attention.

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Obtain medical attention immediately. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If possible, do not leave individual unattended.

Inhalation: Remove affected person to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. "Empty" containers retain product residue and can be dangerous.

Fire Fighting Instructions: Use CO_2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used to cool closed containers. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

Aerosol Flame Projection Test: Flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition. If spill is indoors, ventilate area of spill. Dike larger spills to minimize the contaminated area and facilitate salvage or disposal. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Material should be recovered, if possible, or collected by absorbent materials such as dry clay, sand or sawdust.

7. HANDLING, STORAGE AND DISPOSAL

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. Contents under pressure. Do not puncture or incinerate. Do not use near ignition sources. Do not store containers in excessive heat or direct sunlight. Do not remove or deface label. Do not store or handle in aluminum equipment at temperatures above 120°F.
Storage: Store in a cool, dry, well ventilated area away from all sources of ignition.
Disposal: Dispose according to Federal, State and local regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. General (mechanical) room ventilation is expected to be satisfactory.
Eye Protection: The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection: None required for well ventilated situations. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air=1) >2
Appearance:	clear colorless to light yellow	Evaporation Rate:	(ethyl ether = 1) >1
Odor:	citrus odor	Solubility in Water:	insoluble
Specific Gravity:	0.81 @ 25°C	Boiling Point:	185°F
Vapor Pressure:	27mm Hg @ 20°C	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Avoid contact with: Strong oxidizing agents, acids, chlorine, acetaldehyde, ethylene oxide, isocyanates. Do not use with aluminum equipment at temperatures above 120°F.
Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.

11. REGULATORY INFORMATION

SARA SECTION 313:
This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
No components listed in this section		

TSCA STATUS:
All components of this product are listed on the TSCA inventory
CA PROPOSITION 65:
Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#	% by Weight
No components listed in this section		

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #	% by Weight
No components listed in this section		

Material Safety Data Sheet
CS Cleaner A524
Precision Metal Cleaner

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Precision Metal Cleaner
Product Code: CS Cleaner
Version Date: 02/03/00
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Isoparaffinic Hydrocarbon	64742-48-9	None Established	None Established	300 ppm (manuf. recommended)
Citrus Distillates	5989-27-5	None Established	None Established	FDA GRAS
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	

Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, or mists should be minimized.

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE

Eye: Eye contact with liquid or vapor may cause irritation. Symptoms may include stinging, tearing, and redness.

Skin: Skin contact may cause irritation. Contains a potential skin sensitizer. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Skin absorption is possible. Harmful effects are not expected from this route of exposure under normal conditions of handling and use.

Ingestion: Ingestion is not considered a potential route of exposure. Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. If swallowed symptoms may include: Gastrointestinal irritation (such as nausea, vomiting, and diarrhea). Central nervous system effects (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness). This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation: Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Inhalation can cause nose, throat, and respiratory tract irritation, coughing and headache. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE
Prolonged or repeated exposure can cause drying, defatting, and dermatitis of the skin.
THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
Skin contact may aggravate an existing dermatitis.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.

Skin: In case of skin contact, wash thoroughly with soap and water. Remove contaminated clothes. Launder contaminated clothes before reuse. If symptoms persist, seek medical attention.

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Obtain medical attention immediately. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. If possible, do not leave individual unattended.

Inhalation: Remove affected person to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

NOTES TO PHYSICIAN:
This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. "Empty" containers retain product residue and can be dangerous.

Fire Fighting Instructions:	Use CO_2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used to cool closed containers. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.
Aerosol Flame Projection Test:	Flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition. If spill is indoors, ventilate area of spill. Dike larger spills to minimize the contaminated area and facilitate salvage or disposal. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Material should be recovered, if possible, or collected by absorbent materials such as dry clay, sand or sawdust.

7. HANDLING, STORAGE AND DISPOSAL

Handling:	Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Use with adequate ventilation. If ventilation is not sufficient, wear proper respiratory equipment. Contents under pressure. Do not puncture or incinerate. Do not use near ignition sources. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Do not remove or deface label.
Storage:	Store in a cool, dry, well ventilated area away from all sources of ignition.
Disposal:	Dispose according to Federal, State and local regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. General (mechanical) room ventilation is expected to be satisfactory.
Eye Protection:	The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/ mist/ organic vapor respirator. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air=1) >1
Appearance:	clear colorless to light yellow	Evaporation Rate:	(n-Butyl Acetate = 1) <3
Odor:	citrus odor	Solubility in Water:	insoluble
Specific Gravity:	0.81 @ 25°C	Boiling Point:	320°F
Vapor Pressure:	2.2mm Hg @ 20°C	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Avoid acidic agents. Vinyl chloride. Iodine pentaflouride. Peroxides. Avoid contact with strong oxidants such as: Liquid chlorine. Sodium hypochlorite. Calcium hypochlorite. as this presents a serious explosion hazard.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.

11. REGULATORY INFORMATION

SARA SECTION 313:
This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
No components listed in this section		

TSCA STATUS:
All components of this product are listed on the TSCA inventory
CA PROPOSITION 65:
Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#
No components listed in this section	

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #
No components listed in this section	

Material Safety Data Sheet
ME-2410NS Short Term Corrosion Preventive

A525

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Short Term Corrosion Preventive
Product Code:	ME-2410NS
Version Date:	10/06/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
NJ Trade Secret Registry	#80100382-5113P	200ppm	500ppm	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	#80100382-5072P	100ppm	100ppm	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause moderate to severe irritation, experienced as discomfort or pain, excess blinking and tearing, with excess redness and swelling of the conjuctiva.

Skin : Skin contact may cause irritation. Symptoms may include redness, burning, drying and cracking, and other skin damage.

Ingestion : Swallowing large amounts may be harmful. Ingestion is not considered a potential route of exposure.

Inhalation : Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Breathing large amounts may be harmful. Inhalation may cause irritation of the upper respiratory passages.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: This material (or a component) contains silver metal. Silver may cause discoloration of the eyes and skin.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. Ingestion is an unlikely route of exposure.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions.

Fire Fighting Instructions: Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

Aerosol Flame Projection Test: Extremely flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-2410NS Short Term Corrosion Preventive

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Wear appropriate personal protective equipment (PPE). Remove all sources of ignition. Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Ventilate contaminated area.

7. HANDLING AND STORAGE

Handling:	Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Do not use near ignition sources. Use with adequate ventilation.
Storage:	Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator. None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 0.66
Appearance:	Cloudy white	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Petroleum	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	3681 mmHg @ 70 deg F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with strong oxidizing agents. Oxidizers. Acetic acids. Organic acid anhydrides. Powdered metals. Avoid contact with:
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. If heated wtih peroxides present, violent decomposition can occur.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, flammable	UN Number:	UN1950
IATA Name:	Aerosols, flammable	Hazardous Class:	2.1
		Packing Group:	Not applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-2410NS Short Term Corrosion Preventive

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT
Ethyl acrylate	140-88-5	<10ppm
Crystalline Silica	14808-60-7	<10ppm

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT
Toluene	108-88-3	1- 10

Material Safety Data Sheet
ME-5050NS Corrosion Preventive

A526

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Corrosion Preventive
Product Code:	ME-5050NS
Version Date:	10/13/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Aliphatic Hydrocarbon	142-82-5	400 ppm	400 ppm	500 ppm
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5118P	100ppm TWA	500ppm TWA	None established
NJ Trade Secret Registry	# 80100382-5119P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness. Can cause permanent eye injury.

Skin : Skin contact may cause irritation. Symptoms may include redness, burning, drying and cracking, and other skin damage. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Prolonged or repeated exposure may dry the skin.

Ingestion : Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. The major ingestion hazard is aspiration(liquid entering the lungs during ingestion or vomiting) which may result in chemical pneumonia". Symptoms include: coughing, gasping, choking, shortness of breath, bluish discoloration of skin, rapid breathing and heart rate, and fever. Pulmonary edema or bleeding, drowsiness, confusion, Coma and seizures may occur in more serious cases. Symptoms May develop immediately or as late as 24 hours after exposure depending on how much chemical entered the lungs

Inhalation : Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects. Confusion, impaired coordination, coma, and death.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: effects on hearing;

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave alone. Seek medical attention.

Material Safety Data Sheet
ME-5050NS Corrosion Preventive

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; central nervous system; auditory system; arrhythmias (irregular heartbeats); Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	Flammable Liquid: can release vapors that may be ignited at temperatures above or at the flash point. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Empty" containers retain product residue and can be dangerous." Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions.
Fire Fighting Instructions:	Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use alcohol foam, water fog, dry chemical, or CO2. Water is generally not effective and may spread fire; however, water spray may be used to cool closed containers.
Aerosol Flame Projection Test:	Extremely flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Clean up with absorbent material. Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling:	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area.
Storage:	Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Do not store at temperatures above 120*F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 2.31
Appearance:	Brown	Evaporation Rate:	0.5-2 (n-Butyl acetate = 1)
Odor:	Petroleum	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	1809.5 mmHg @ 70 deg F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong oxidizing agents. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides. Powdered metals. Avoid acidic agents. Avoid contact with strong oxidizing agents.

Material Safety Data Sheet
ME-5050NS Corrosion Preventive

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various Hydrocarbons. If heated wtih peroxides present, violent decomposition can occur. Sulfur compounds. Oxides of calcium.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, flammable	UN Number:	UN1950
IATA Name:	Aerosols, flammable	Hazardous Class:	2.1
		Packing Group:	Not apllicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-100S Pure Silicone Mold Release

A527

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Pure Silicone Mold Release
Product Code:	ME-100S
Version Date:	09/07/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5036P	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5103P	None established	None established	10 ppm Mfg. recommend

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Vapors are heavier than air and may accumulate in low areas.

Fire Fighting Instructions: Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Apply water from a safe distance to cool container and protect surrounding area.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-100S Pure Silicone Mold Release

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Storage: Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available. The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 2.09
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1% Minimal; 1-9%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	3102 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Oxides of siloxanes.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not applicable

Material Safety Data Sheet
ME-100S Pure Silicone Mold Release

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-175S Food Grade Pure Silicone Mold Release

A528

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Food Grade Pure Silicone Mold Release
Product Code:	ME-175S
Version Date:	09/07/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5037P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Containers may rupture or explode under fire conditions.

Fire Fighting Instructions: Water is generally not effective and may spread fire; however, water spray may be used to cool closed containers.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-175S Food Grade Pure Silicone Mold Release

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Storage: Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 2.14
Appearance:	Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight Ether	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	0.86 @ 70 deg F	Boiling Point:	Not applicable deg F
Vapor Pressure:	3102.9 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Oxides of siloxanes.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-175S Food Grade Pure Silicone Mold Release

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT
No components listed in this section.		

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT
No components listed in this section.		

Material Safety Data Sheet
ME-515S
Polyurethane Mold Release

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Polyurethane Mold Release
Product Code: ME-515S
Version Date: 01/24/00
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Exposure Limits ACGIH TLV	OSHA PEL	OTHER
Halogenated Hydrocarbon/ Ether Blend	MIXTURE	None Established	None Established	1000 ppm AEL (DuPont)
Release blend for ME-515S	MIXED	200ppm (skin)	200ppm (skin)	<0.05mg / m3 mist

–THIS PRODUCT CONTAINS NO OZONE DEPLETING CHEMICALS. –

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE

Eye: Eye contact with liquid or vapor may cause irritation.
Skin: Skin contact with the liquid may cause freezing of the skin or irritation.
Ingestion: Ingestion is not considered a potential route of exposure.
Inhalation: Overexposure by inhalation of vapors may cause respiratory irritation or nonspecific discomfort such as nausea, headache or weakness. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Prolonged vapor overexposure may cause increased liver size. The degree of change, if any, will depend on the concentration and duration of exposure. Gross overexposure may be fatal. Inhalation of respirable aerosols of the lubricant in this product may cause serious toxic effects in the lungs, based on animal studies.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE

This product contains a material which can generate formaldehyde vapors when exposed to temperatures exceeding 302°F (150°C) in the presence of air. Formaldehyde is a potential cancer hazard, causes irritation and sensitization of the skin and respiratory system, causes eye and throat irritation, and is acutely toxic. Safe conditions of use can be ensured by monitoring and controlling vapor concentrations in accordance with 29 CFR 1910.1048

THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.
Skin: In case of skin contact, wash thoroughly with soap and water.
Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician.
Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue and can be dangerous.

Fire Fighting Instructions: Use dry chemical, foam, or CO_2; water may be ineffective but should be used to keep exposed containers cool.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

7. HANDLING, STORAGE AND DISPOSAL

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure. Do not puncture or incinerate. Do not remove or deface label.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120°F.

Disposal: Dispose according to Federal, State and local regulations. "Empty" containers may contain residual product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.

Eye Protection: The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: If the possibility exists that aerosols or mists may be inhaled while handling or processing this material, the use of a NIOSH/MSHA approved dust, fume, and mist respirator designed as respiratory protection against dust, fumes, and mist of materials having an exposure limit of less than 0.05 mg/m3 is recommended. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) >1
Appearance:	clear, colorless	Evaporation Rate:	(butyl acetate = 1) >1
Odor:	slight ethereal odor	Solubility in Water:	insoluble
Specific Gravity:	0.86 @ 70°F	Boiling Point:	Not applicable
Vapor Pressure:	60 psig @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: stable

Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Freshly abraded aluminum surfaces. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Oxidizers, carbon monoxide, acetic acids, organic acid anhydrides.

Decomposition Products: Burning can produce the following combustion products: Halogens, halogen acids, and possibly carbonyl halides, such as phosgene. Carbon dioxide and carbon monoxide.

11. REGULATORY INFORMATION

SARA SECTION 313:

This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
No components listed in this section		

TSCA STATUS:

All components of this product are listed on the TSCA inventory

CA PROPOSITION 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#
No components listed in this section	

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #
No components listed in this section	

Material Safety Data Sheet
ME-263S Organo Paintable Mold Release

A530

THE MOLDER'S EDGE

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Organo Paintable Mold Release
Product Code:	ME-263S
Version Date:	09/07/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	75-37-6	None established	None established	None established
Hydrocarbon propellant	115-10-6	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5003P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician. Rinse mouth thoroughly with water.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions.

Fire Fighting Instructions: Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

Material Safety Data Sheet
ME-263S Organo Paintable Mold Release

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Storage: Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous. Keep from extreme temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 2.15
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	4396.2 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Avoid open flames and high temperatures. Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated wtih peroxides present, violent decomposition can occur. Silicon dioxide Oxides of carbon.

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not Applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-263S Organo Paintable Mold Release

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT
No components listed in this section.		

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT
No components listed in this section.		

Material Safety Data Sheet
ME-345S
Paintable Mold Release
A531

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Paintable Mold Release
Product Code: ME-345S
Version Date: 01/21/00
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

		Exposure Limits		
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated Hydrocarbon/ Ether Blend	N/A	None Established	None Established	1000 ppm AEL (DuPont)
Release blend for ME-345S	MIXED	None established	None established	10ppm TWA (manufacturer)

-THIS PRODUCT CONTAINS NO OZONE DEPLETING CHEMICALS. -

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE
Eye: Eye contact with liquid or vapor may cause irritation.
Skin: Skin contact with the liquid may cause freezing of the skin or irritation.
Ingestion: Ingestion is not considered a potential route of exposure.
Inhalation: Overexposure by inhalation of vapors may cause respiratory irritation or nonspecific discomfort such as nausea, headache or weakness. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Prolonged vapor overexposure may cause increased liver size. The degree of change, if any, will depend on the concentration and duration of exposure. Gross overexposure may be fatal.
POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE
No chronic health effects known.
THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.
Skin: In case of skin contact, wash thoroughly with soap and water.
Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician.
Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.
NOTES TO PHYSICIAN:
Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue and can be dangerous.
Fire Fighting Instructions: Use dry chemical, foam, or CO_2; water may be ineffective but should be used to keep exposed containers cool.
Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

7. HANDLING, STORAGE AND DISPOSAL

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure. Do not puncture or incinerate. Do not remove or deface label.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120°F.

Disposal: Dispose according to Federal, State and local regulations. "Empty" containers may contain residual product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.

Eye Protection: The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. For higher vapor levels, an organic vapor mask is recommended. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an approved nuisance dust/mist/organic vapor respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) >1
Appearance:	clear, colorless	Evaporation Rate:	(butyl acetate = 1) > 1
Odor:	slight ethereal odor	Solubility in Water:	insoluble
Specific Gravity:	0.84 @ 70°F	Boiling Point:	Not applicable
Vapor Pressure:	60 psig @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: stable

Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Freshly abraded aluminum surfaces. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Oxidizers, carbon monoxide, acetic acids, organic acid anhydrides.

Decomposition Products: Burning can produce the following combustion products: Halogens, halogen acids, and possibly carbonyl halides, such as phosgene. Carbon dioxide and carbon monoxide.

11. REGULATORY INFORMATION

SARA SECTION 313:

This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
No components listed in this section		

TSCA STATUS:

All components of this product are listed on the TSCA inventory

CA PROPOSITION 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#
No components listed in this section	

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #
No components listed in this section	

Material Safety Data Sheet
ME-514S Paintable Mold Release

A532

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name:	Paintable Mold Release
Product Code:	ME-514S
Version Date:	09/14/05
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Hydrocarbon propellant	115-10-6	None established	None established	None established
Halogenated hydrocarbon	75-37-6	None established	None established	None established
NJ Trade Secret Registry	#80100382-5039P	None established	None established	None established
NJ Trade Secret Registry	# 80100382-5103P	None established	None established	10 ppm Mfg. recommend

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Liquid may cause frostbite. Prolonged or repeated exposure may dry the skin.

Ingestion : Ingestion is not considered a potential route of exposure.

Inhalation : Breathing large amounts may be harmful. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness. Inhalation of respirable aerosols of the lubricant in this product may cause serious toxic effects in the lungs, based on animal studies.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 1 Flammability: 4 Reactivity: 1 Personal Protective Equipment See Section 8

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse. Treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician. Contact a physician, medical facility, or poison control center for advise on whether to induce vomiting.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

Material Safety Data Sheet
ME-514S Paintable Mold Release

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards:	Extremely Flammable Gas: can readily form explosive air/gas mixture at room temperature or at lower temperatures that are above the flash point. Containers may rupture or explode under fire conditions. May become combustible at high temperatures. Rapid depolymerization can occur in a fire to produce flammable vapors. Vapors are heavier than air and may accumulate in low areas.
Fire Fighting Instructions:	Use dry chemical, foam, or CO2; water may be ineffective but should be used to keep exposed containers cool. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Use water spray, foam, dry chemical, or CO2. Apply water from a safe distance to cool container and protect surrounding area.
Aerosol Flame Projection Test:	Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Clean up with absorbent material. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated breathing of vapor. Normal precautions common to safe manufacturing practice should be followed in handling and storage.
Storage:	Keep container closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120*F. Empty container may contain residues which are hazardous. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).
Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	None required for well ventilated situations. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations and use NIOSH/MSHA approved respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 1.81
Appearance:	Clear Colorless	Evaporation Rate:	<0.020 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1 @ 70 deg F	Boiling Point:	-13 deg F
Vapor Pressure:	2585 mmHg @ 70 deg F	pH:	Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Oxidizers. Carbon monoxide. Acetic acids. Organic acid anhydrides. Powdered metals. Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Avoid open flames and high temperatures. Avoid contact with open flames, electric arcs, or other hot surfaces which can cause thermal decomposition.
Decomposition Products:	If heated wtih peroxides present, violent decomposition can occur. This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Oxides of siloxanes.

Material Safety Data Sheet
ME-514S Paintable Mold Release

11. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

12. TRANSPORTATION INFORMATION

DOT Name:	Aerosols, non-flammable	UN Number:	UN1950
IATA Name:	Aerosols, non-flammable	Hazardous Class:	2.2
		Packing Group:	Not applicable

13. REGULATORY INFORMATION

SARA Section 313:

Warning: This product contains the following chemicals that are subject to reporting requirements under Section 313 of SARA Title III.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

TSCA Status:

All components of this product are listed on the TSCA inventory.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

CA Proposition 65:

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

COMPONENT	CAS #	% BY WEIGHT

No components listed in this section.

Material Safety Data Sheet
ME-301S
Pattern Release Mold Release
A533

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Pattern Release Mold Release
Product Code: ME-301S
Version Date: 01/24/00
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Exposure Limits ACGIH TLV	OSHA PEL	OTHER
Halogenated Hydrocarbon/ Ether Blend	MIXTURE	None Established	None Established	1000 ppm AEL (DuPont)
Release blend for ME-301S	MIXED	5mg/m3 TWA (oil mist)	5mg/m3 TWA (oil mist)	None
Petroleum Distillates	8052-41-3	100 ppm	100 ppm	

–THIS PRODUCT CONTAINS NO OZONE DEPLETING CHEMICALS. –

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE

Eye: Eye contact with liquid or vapor may cause irritation.

Skin: Skin contact with the liquid may cause freezing of the skin or irritation.

Ingestion: Ingestion is not considered a potential route of exposure. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

Inhalation: Overexposure by inhalation of vapors may cause respiratory irritation or nonspecific discomfort such as nausea, headache or weakness. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Gross overexposure may be fatal.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE
No chronic health effects known.
THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.

Skin: In case of skin contact, wash thoroughly with soap and water.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately. If individual is drowsy or unconscious, place on the left side with the head down. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

NOTES TO PHYSICIAN:
Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung(for example, asthma-like conditions).

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue and can be dangerous.

Fire Fighting Instructions: Use dry chemical, foam, or CO_2; water may be ineffective but should be used to keep exposed containers cool.
Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

7. HANDLING, STORAGE AND DISPOSAL

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure. Do not puncture or incinerate. Do not remove or deface label.
Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120°F.
Disposal: Dispose according to Federal, State and local regulations. "Empty" containers may contain residual product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.
Eye Protection: The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection: If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/ mist/ organic vapor respirator. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) > 1
Appearance:	clear, light yellow tint	Evaporation Rate:	(butyl acetate = 1) > 1
Odor:	slight ethereal odor	Solubility in Water:	insoluble
Specific Gravity:	0.84 @ 70°F	Boiling Point:	Not applicable
Vapor Pressure:	60 psig @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: stable
Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Freshly abraded aluminum surfaces. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Oxidizers, carbon monoxide, acetic acids, organic acid anhydrides.
Decomposition Products: Burning can produce the following combustion products: Halogens, halogen acids, and possibly carbonyl halides, such as phosgene. Carbon dioxide and carbon monoxide.

11. REGULATORY INFORMATION

SARA SECTION 313:
This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
"No components listed in this section"		

TSCA STATUS:
All components of this product are listed on the TSCA inventory
CA PROPOSITION 65:
Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#
"No components listed in this section"	

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #
"No components listed in this section"	

Material Safety Data Sheet
ME-341S
Special Product Mold Release
A534

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: Special Product Mold Release
Product Code: ME-341S
Version Date: 03/24/04
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated Hydrocarbon/ Ether Blend	MIXTURE	None Established	None Established	1000 ppm AEL (DuPont)
Release blend for ME-341S	MIXED	400ppm, 980mg/m3, 8hr TWA	400ppm, 8hr TWA-STEL 500ppm	400ppm TWA (manufacturer)

–THIS PRODUCT CONTAINS NO OZONE DEPLETING CHEMICALS. –

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE

Eye: Eye contact with liquid or vapor may cause irritation. May cause moderate to severe irritation, experienced as discomfort or pain, excess blinking and tearing, with excess redness and swelling of the conjuctiva.

Skin: Skin contact with the liquid may cause freezing of the skin or irritation. Skin contact may cause irritation. Prolonged or repeated contact with liquid can cause irritation and dermatitis.

Ingestion: Ingestion is not considered a potential route of exposure. If swallowed symptoms may include: Discomfort due to volatility would be expected. Gastrointestinal irritation (such as nausea, vomiting, and diarrhea). Central nervous system effects (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Inhalation: Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Inhalation of decomposition products of fluorotelomer compounds may cause "polymer fume fever," which is a flu-like illness. Polymer fume fever may occur several hours after exposure and usually subsides within 24 hours, even in the absence of treatment. Polymer fume fever does not cause permanent injury and the effects are not cumulative. Inhalation of fluorine compounds released as thermal decomposition products above 290°C (554°F) may cause lung irritation and delayed pulmonary edema which require medical treatment.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE
No chronic health effects known.
THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.

Skin: In case of skin contact, wash thoroughly with soap and water.

Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach. Obtain medical attention immediately. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If possible, do not leave individual unattended.

Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

NOTES TO PHYSICIAN:
Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. Activated charcoal mixture may be administered. To prepare mixture, suspend 50 grams activated charcoal in 400mL water and mix thoroughly. Administer 5mL/kg, or 350mL for average adult. Components of this product hydrolyzes rapidly in water and may form a precipitate on contact with eyes. Mechanical removal of the precipitate may be advisable

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards:	Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue and can be dangerous.
Fire Fighting Instructions:	Use dry chemical, foam, or CO_2; water may be ineffective but should be used to keep exposed containers cool.
Aerosol Flame Projection Test:	Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

7. HANDLING, STORAGE AND DISPOSAL

Handling:	Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure. Do not puncture or incinerate. Do not remove or deface label. Fluorotelomers should not be handled around food, drink or tobacco products. Inhalation of vapors in the presence of tobacco products may cause polymer fume fever (see sec. 3).
Storage:	Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120°F.
Disposal:	Dispose according to Federal, State and local regulations. "Empty" containers may contain residual product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.
Eye Protection:	The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.
Skin Protection:	The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.
Respiratory Protection:	The use of an approved dust, fume and mist respirator designed for exposure limits less than 0.05 mg/ m^3 is recommended. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) >1
Appearance:	White residue	Evaporation Rate:	(butyl acetate = 1) >1
Odor:	slight ethereal odor	Solubility in Water:	insoluble
Specific Gravity:	0.86 @ 70°F	Boiling Point:	Not applicable
Vapor Pressure:	60 psig @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:	stable
Conditions to Avoid:	Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Freshly abraded aluminum surfaces. Avoid acidic agents. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Oxidizers, carbon monoxide, acetic acids, organic acid anhydrides.
Decomposition Products:	Burning can produce the following combustion products: Halogens, halogen acids, and possibly carbonyl halides, such as phosgene. Carbon dioxide and carbon monoxide.

11. REGULATORY INFORMATION

SARA SECTION 313:
This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
No components listed in this section		

TSCA STATUS:
All components of this product are listed on the TSCA inventory
CA PROPOSITION 65:

Material Safety Data Sheet
ME-2345E **EZ Pin Lube**

Stoner
1-800-227-5538

A540

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy
Quarryville, PA 17566
1-800-227-5538

Product Name: EZ Pin Lube
Product Code: ME-2345E
Version Date: 01/11/05
24-hour emergency phone: 1-800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	ACGIH TLV	Exposure Limits OSHA PEL	OTHER
Halogenated Hydrocarbon/ Ether Blend	N/A	None Established	None Established	500 ppm WEEL (AIHA)
NJ Trade Secret Registry	#80100382-5041P	None established	None established	None established

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE:
Eye: Eye contact with liquid or vapor may cause irritation.
Skin: Skin contact with the liquid may cause freezing of the skin or irritation.
Ingestion: Ingestion is not considered a potential route of exposure.
Inhalation: Overexposure by inhalation of vapors may cause respiratory irritation or nonspecific discomfort such as nausea, headache or weakness. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness; or temporary alteration of the heart's electrical activity (cardiac arrhythmia). Gross overexposure may be fatal.
POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE:
No chronic health effects known.
THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptability to the toxicity of excessive exposures.

4. FIRST AID MEASURES

Eye: Flush eyes with plenty of water. If symptoms persist, seek medical attention.
Skin: In case of skin contact, wash thoroughly with soap and water.
Ingestion: Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed by a physician.
Inhalation: Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.
NOTES TO PHYSICIAN:
Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Vapors confined in a poorly ventilated area may be ignited by a spark or flame. Vapors may travel considerable distances to a source of ignition. Vapors are heavier than air and may accumulate in low areas. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). Material can accumulate static charges which can cause an incendiary electrical discharge. "Empty" containers retain product residue and can be dangerous.
Fire Fighting Instructions: Use dry chemical, foam, or CO_2; water may be ineffective but should be used to keep exposed containers cool. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity.
Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

7. HANDLING, STORAGE AND DISPOSAL

Handling: Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents under pressure. Do not puncture or incinerate. Do not remove or deface label.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Do not store at temperatures above 120°F.

Disposal: Dispose according to Federal, State and local regulations. "Empty" containers may contain residual product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.

Eye Protection: The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: None required for well ventilated situations. For higher vapor levels, an organic vapor mask is recommended. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) >1
Appearance:	clear, colorless	Evaporation Rate:	(butyl acetate = 1) >1
Odor:	slight ethereal odor	Solubility in Water:	insoluble
Specific Gravity:	0.86 @ 70°F	Boiling Point:	Not applicable
Vapor Pressure:	50 psig @ 70°F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: stable

Conditions to Avoid: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Freshly abraded aluminum surfaces. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Oxidizers, carbon monoxide, acetic acids, organic acid anhydrides.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Halogens, halogen acids, and possibly carbonyl halides, such as phosgene.

11. REGULATORY INFORMATION

SARA SECTION 313:
This product contains the following chemicals that are subject to release reporting requirements under section 313 of SARA Title III.

Chemical Name	CAS #	% by Weight
Dichlorofluoroethane	1717-00-6	40 –50%

TSCA STATUS:
All components of this product are listed on the TSCA inventory

CA PROPOSITION 65:
Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

Chemical Name	CAS#	% by Weight
No components listed in this section		

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

Chemical Name	CAS #	% by Weight
No components listed in this section		