

Material Safety Data Sheet

Issuing Date 05-Aug-2011 **Revision Date Revision Number 0**

PRODUCT AND COMPANY IDENTIFICATION

Product Name RED RD ACETONE-BASED TRAFFIC 100 VOC

Product Code(s) 7104

UN-Number UN1263

Recommended Use Traffic paint

S/B **Product Technology**

Supplier Address

Ennis Paint Inc.

5910 North Central Expressway

Suite 1050 Dallas TX 75206 T: 800.331.8118

800.331.8118 (For Technical Inquiries)

Chemical Emergency Phone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

DANGER!

Emergency Overview

Highly flammable liquid and vapor

May be harmful if swallowed, inhaled, or absorbed through skin

Irritating to eyes and skin

Risk of serious damage to the lungs (by aspiration) Causes central nervous system depression. May adversely affect liver and kidney.

Cancer hazard

Contains a known or suspected reproductive toxin

WARNING! This product contains a chemical known in the State of California to cause cancer and birth defects or other reproductive harm.

Odor Solvent Appearance Red Physical State Liquid.

Potential Health Effects

Inhalation. Skin contact. Eye contact. **Principle Routes of Exposure**

Acute Toxicity

Eves Moderately irritating to the eyes

Irritating to skin. May be harmful if absorbed through skin. Repeated exposure may cause skin Skin

dryness or cracking.

May be harmful if inhaled. Inhalation in high concentration may cause irritation of respiratory Inhalation

system. May cause central nervous system depression with nausea, headache, dizziness,

vomiting, and incoordination. Sanding and grinding dust may be harmful if inhaled.

Ingestion May be harmful if swallowed. Ingestion may cause irritation to mucous membranes. Aspiration

may cause pulmonary edema and pneumonitis. May cause additional affects as listed under

"Inhalation".

Chronic Effects Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC)

as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product. Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1). May cause

adverse liver and kidney effects.

Aggravated Medical Conditions Exposure to chlorinated hydrocarbons, such as chloroform and trichloroethane, may increase

toxic effects. Liver disorders. Neurological disorders Skin disorders. Kidney disorders. Pre-

existing eye disorders. Respiratory disorders.

Interactions with Other Chemicals Use of alcoholic beverages may enhance toxic effects.

Environmental Hazard Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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| Chemical Name | CAS-No | Weight % |
|-----------------------------------|------------|----------|
| Acetone | 67-64-1 | 15-40 |
| Petroleum naphtha, light aromatic | 64742-95-6 | 1-5 |
| Dioctylphthalate | 117-81-7 | 1-5 |
| 1,2,4 Trimethylbenzene | 95-63-6 | 1-5 |
| Ethyl benzene | 100-41-4 | 0.1-1 |
| Quartz | 14808-60-7 | 0.1-1 |

4. FIRST AID MEASURES

General Advice Show this safety data sheet to the doctor in attendance.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove

contact lenses, if applicable, and continue flushing. Call a physician immediately.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Consult a physician.

Inhalation Move to fresh air in case of accidental inhalation of vapors. If breathing has stopped, contact

emergency medical services immediately.

Ingestion Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an

unconscious person. Call a physician or Poison Control Center immediately.

Notes to Physician Aspiration hazard. Treat symptomatically.

Protection of First-aiders Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves.

5. FIRE-FIGHTING MEASURES

Flammable Properties Highly flammable liquid and vapor

Flash Point -4°F / -20°C (Acetone)

Suitable Extinguishing Media Dry chemical, CO₂, water spray or regular foam. Use water spray or fog; do not use straight

streams.

Unsuitable Extinguishing Media CAUTION: All these products have a very low flash point. Use of water spray when fighting

fire may be inefficient.

Explosion Data

Sensitivity to Mechanical Impact Sensitivity to Static Discharge None Yes.

Specific Hazards Arising from the

Chemical

Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

(approved or equivalent) and full protective gear.

NFPA Health Hazard 2 Flammability 3 Instability 0 Physical and Chemical

Hazards -

HMIS Health Hazard 2* Flammability 3 Physical Hazard 0 Personal Protection X

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Use personal protective equipment. Avoid contact with skin, eyes

and clothing.

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. Do not allow material to

contaminate ground water system.

Methods for Containment Dike far ahead of liquid spill for later disposal. A vapor suppressing foam may be used to

reduce vapors.

Methods for Cleaning Up Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and

transfer to properly labeled containers. Use clean non-sparking tools to collect absorbed

material.

Other Information Water spray may reduce vapor; but may not prevent ignition in closed spaces.

7. HANDLING AND STORAGE

Handling Use only in area provided with appropriate exhaust ventilation. Keep away from open flames,

hot surfaces and sources of ignition. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Avoid breathing vapors or mists. Avoid

contact with skin, eyes and clothing.

Storage Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled

containers. Keep away from open flames, hot surfaces and sources of ignition. Keep out of the

reach of children.

^{*}Indicates a chronic health hazard.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------------|-------------------------------------|--|--|
| Quartz 14808-60-7 | TWA: 0.025 mg/m³respirable fraction | TWA: 0.1 mg/m³ (vacated) | IDLH: 50 mg/m³ respirable dust TWA: 0.05 mg/m³ respirable dust |
| Dioctylphthalate | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | IDLH: 5000 mg/m ³ |
| 117-81-7 | | (vacated) TWA: 5 mg/m ³ | TWA: 5 mg/m³ |
| | | (vacated) STEL: 10 mg/m ³ | STEL: 10 mg/m ³ |
| Acetone | STEL: 750 ppm | TWA: 1000 ppm | IDLH: 2500 ppm 10% LEL |
| 67-64-1 | TWA: 500 ppm | TWA: 2400 mg/m ³ | TWA: 250 ppm |
| | | (vacated) TWA: 750 ppm | TWA: 590 mg/m ³ |
| | | (vacated) TWA: 1800 mg/m ³ | |
| | | (vacated) STEL: 2400 mg/m ³ The | |
| | | acetone STEL does not apply to the | |
| | | cellulose acetate fiber industry. It is in | |
| | | effect for all other sectors | |
| | | (vacated) STEL: 1000 ppm | |
| Ethyl benzene | STEL: 125 ppm | TWA: 100 ppm | IDLH: 800 ppm |
| 100-41-4 | TWA: 100 ppm | TWA: 435 mg/m ³ | TWA: 100 ppm |
| | | (vacated) TWA: 100 ppm | TWA: 435 mg/m ³ |
| | | (vacated) TWA: 435 mg/m ³ | STEL: 125 ppm |
| | | (vacated) STEL: 150 ppm | STEL: 545 mg/m ³ |
| | | (vacated) STEL: 655 mg/m ³ | G |
| 1,2,4 Trimethylbenzene | TWA: 25 ppm | (vacated) TWA: 25 ppm | TWA: 25 ppm |
| 95-63-6 | | (vacated) TWA: 125 mg/m ³ | TWA: 125 mg/m ³ |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992).

Engineering Measures Showers. Eyewash stations. Explosion proof ventilation systems.

Personal Protective Equipment

Eye/Face Protection
Skin and Body Protection
Respiratory Protection

Tightly fitting safety goggles.

Protective gloves. Solvent-resistant apron and boots

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance

with current local regulations.

Hygiene Measures When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and

clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

AppearanceRed.OdorSolvent.Odor ThresholdNo information availablePhysical StateLiquid

pH No information available.

Flash Point -4°F / -20°C (Acetone) Autoignition Temperature No information available.

Decomposition Temperature No information available. **Boiling Point/Boiling Range** >35°C / >95°F

Melting Point/RangeNo information availableFlammability Limits in Air(For Acetone)Explosion LimitsNo information available.

 Upper
 12.8

 Lower
 0.8

Solubility No information available. Evaporation Rate No information available

 Vapor Pressure
 No data available
 Vapor Density
 No data available

VOC Content (%) 26.825

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products Strong acids. Strong oxidizing agents. Chlorinated compounds.

Conditions to Avoid Heat, flames and sparks.

Hazardous Decomposition Products Carbon oxides.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

No acute toxicity information is available for this product.

Component Information

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|-----------------------------------|--------------------|--------------------------|-----------------------------------|
| Quartz | 500 mg/kg (Rat) | | |
| Dioctylphthalate | = 6860 mg/kg (Rat) | = 24500 mg/kg (Rabbit) | > 23.67 mg/L (Rat) 1 h |
| | | | > 10.62 mg/L (Rat) 4 h |
| Acetone | = 5800 mg/kg (Rat) | 1700mg/kg (rabbit) | 18892 mg/m ³ |
| Petroleum naphtha, light aromatic | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |
| | | | > 5.2 mg/L (Rat) 4 h |
| 1,2,4 Trimethylbenzene | = 3400 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | = 18 g/m ³ (Rat) 4 h |

Chronic Toxicity

Chronic Toxicity

Ethylbenzene has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). Prolonged or repeated overexposure to ethylbenzene may result in adverse effects to the kidneys, liver, respiratory system, thyroid, testicles, and pituitary glands. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product. Crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1). May cause adverse liver and kidney effects.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------|-------|----------|------------------------|------|
| Dioctylphthalate | A3 | Group 3 | Reasonably Anticipated | X |
| Ethyl benzene | A3 | Group 2B | - | - |
| Quartz | A2 | Group 1 | Known | X |

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 3: Not Classifiable as to its Carcinogenicity to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP: (National Toxicity Program)

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive Toxicity Product is or contains a chemical which is a known or suspected reproductive hazard.

Target Organ Effects Central nervous system (CNS). Kidney. Liver. Respiratory system.

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

EcotoxicityHarmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | | Daphnia Magna (Water Flea) |
|----------------------------|--|---------------------------------------|---------------------------|------------------------------|
| Acetone | | LC50 96 h: 4.74 - 6.33 mL/L | EC50 = 14500 mg/L 15 min | EC50 48 h: 10294 - 17704 |
| | | (Oncorhynchus mykiss) | | mg/L Static (Daphnia magna) |
| | | LC50 96 h: 6210 - 8120 mg/L | | EC50 48 h: 12600 - 12700 |
| | | static (Pimephales promelas) | | mg/L (Daphnia magna) |
| | | LC50 96 h: = 8300 mg/L | | |
| | | (Lepomis macrochirus) | | |
| Petroleum naphtha, light | | LC50 96 h: = 9.22 mg/L | | EC50 48 h: = 6.14 mg/L |
| aromatic | | (Oncorhynchus mykiss) | | (Daphnia magna) |
| Dioctylphthalate | EC50 96 h: > 0.1 mg/L | LC50 96 h: 0.27 - 0.67 mg/L | EC50 = 800 mg/L 15 min | LC50 48 h: = 9.4 mg/L |
| | (Pseudokirchneriella | flow-through (Pimephales | EC50 = 800 mg/L 30 min | (Daphnia magna) |
| | subcapitata) | promelas) | EC50 = 800 mg/L 5 min | EC50 48 h: > 0.16 mg/L |
| | EC50 96 h: > 0.1 mg/L static | LC50 96 h: > 0.16 mg/L static | | (Daphnia magna) |
| | (Pseudokirchneriella | (Pimephales promelas) | | |
| | subcapitata) | LC50 96 h: > 0.200 mg/L | | |
| | EC50 72 h: > 130 mg/L | flow-through (Lepomis | | |
| | (Desmodesmus subspicatus) | macrochirus) | | |
| | | LC50 96 h: > 0.200 mg/L | | |
| | | static (Lepomis macrochirus) | | |
| | | LC50 96 h: > 0.32 mg/L semi- | | |
| | | static (Brachydanio rerio) | | |
| | | LC50 96 h: > 0.32 mg/L flow- | | |
| | | through (Oncorhynchus | | |
| | | mykiss) | | |
| | | LC50 96 h: > 0.32 mg/L semi- | | |
| | | static (Oryzias latipes) | | |
| | | LC50 96 h: > 0.32 mg/L semi- | | |
| | | static (Poecilia reticulata) | | |
| | | LC50 96 h: > 0.67 mg/L flow- | | |
| | | through (Oryzias latipes) | | |
| | | LC50 96 h: > 100 mg/L static | | |
| 4.0.4 Trimed by the server | | (Oncorhynchus mykiss) | | E050 40 lb 0 44 mm m/l |
| 1,2,4 Trimethylbenzene | | LC50 96 h: 7.19-8.28 mg/L | | EC50 48 h: = 6.14 mg/L |
| | | flow-through (Pimephales | | (Daphnia magna) |
| Ethad barrara | E050 00 by 4.7. 7.0 mm/l | promelas) | F.0.50 0.00 m = # 00 m in | E050 40 h; 4.0. 0.4 ;; ;; !! |
| Ethyl benzene | EC50 96 h: 1.7 - 7.6 mg/L | LC50 96 h: 11.0-18.0 mg/L | EC50 = 9.68 mg/L 30 min | EC50 48 h: 1.8 - 2.4 mg/L |
| | static (Pseudokirchneriella | static (Oncorhynchus mykiss) | EC50 = 96 mg/L 24 h | (Daphnia magna) |
| | subcapitata) EC50 72 h: 2.6 - 11.3 mg/L | LC50 96 h: 7.55-11 mg/L | | |
| | | flow-through (Pimephales | | |
| | static (Pseudokirchneriella subcapitata) | promelas) LC50 96 h: 9.1-15.6 mg/L | | |
| | EC50 72 h: = 4.6 mg/L | static (Pimephales promelas) | | |
| | (Pseudokirchneriella | LC50 96 h: = 32 mg/L static | | |
| | subcapitata) | (Lepomis macrochirus) | | |
| | EC50 96 h: > 438 mg/L | LC50 96 h: = 4.2 mg/L semi- | | |
| | (Pseudokirchneriella | static (Oncorhynchus mykiss) | | |
| | subcapitata) | LC50 96 h: = 9.6 mg/L static | | |
| | σαροαρπαία) | (Poecilia reticulata) | | |
| | | (i occilia icticulata) | | |

| Chemical Name | Log Pow |
|------------------------|---------|
| Acetone | -0.24 |
| Dioctylphthalate | 5.03 |
| 1,2,4 Trimethylbenzene | 3.63 |
| Ethyl benzene | 3.118 |

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with local regulations. This material, as supplied, is a hazardous

waste according to federal regulations (40 CFR 261).

Contaminated PackagingDo not re-use empty containers. Empty containers pose a potential fire and explosion hazard.

Do not cut, puncture or weld containers.

US EPA Waste Number D001

| Chemical Name | RCRA | RCRA - Basis for Listing | RCRA - D Series Wastes | RCRA - U Series Wastes |
|-----------------------------|------|-----------------------------------|------------------------|------------------------|
| Acetone - 67-64-1 | | Included in waste stream: F039 | | U002 |
| Dioctylphthalate - 117-81-7 | U028 | Included in waste stream: F039 | | U028 |

California Hazardous Waste Codes 461

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste | |
|---------------|----------------------------|--|
| Acetone | Ignitable | |
| Ethyl benzene | Toxic | |
| | Ignitable | |

14. TRANSPORT INFORMATION

DOT

UN-Number UN1263
Proper shipping name Paint
Hazard Class 3

Subsidiary Class

Packing Group

Marine Pollutant This product contains a chemical which is listed as a severe marine pollutant according to

DOT.

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Description UN1263,Paint,3,PG II

Emergency Response Guide

Number

TDG

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group II

Description UN1263,PAINT,3,PG II

MEX

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group II

Description UN1263 Paint,3,II

ICAO

UN-Number UN1263

Proper shipping name Paint related material

Hazard Class 3
Packing Group ||

Description UN1263,Paint related material,3,PG II

IATA

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group II
ERG Code 3L

Description UN1263,Paint,3,PG II

IMDG/IMO

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group II
EmS No. F-E, S-E

Description UN1263, Paint,3,PG II, FP -20C

RID

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group II

Classification Code F

Description UN1263 Paint,3,II

ADR

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group II
Classification Code F1

Description UN1263 Paint,3,II

ADN

UN-No UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group II
Classification Code F1

Special Provisions 163, 640C, 650 Description UN1263 Paint,3,II

Hazard Labels 3
Limited Quantity LQ6
Ventilation VE01

15. REGULATORY INFORMATION

International Inventories

TSCA Complies DSL Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | CAS-No | Weight % | SARA 313 - Threshold Values % |
|------------------------|----------|----------|----------------------------------|
| Dioctylphthalate | 117-81-7 | 1.28 | 0.1 |
| 1,2,4 Trimethylbenzene | 95-63-6 | 1.209 | 1.0 |

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard Yes
Fire Hazard Yes
Sudden Release of Pressure Hazard No
Reactive Hazard No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|------------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| Dioctylphthalate | | X | X | |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances | RQ |
|------------------|--------------------------|--------------------------------|---------------------|
| | | RQs | |
| Dioctylphthalate | 100 lb | | RQ 100 lb final RQ |
| | | | RQ 45.4 kg final RQ |
| Acetone | 5000 lb | | RQ 5000 lb final RQ |
| | | | RQ 2270 kg final RQ |
| Ethyl benzene | 1000 lb | | RQ 1000 lb final RQ |
| _ | | | RQ 454 kg final RQ |

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

| Chemical Name | CAS-No | California Prop. 65 |
|------------------|------------|---------------------|
| Quartz | 14808-60-7 | Carcinogen |
| Dioctylphthalate | 117-81-7 | Carcinogen |
| | | Developmental |
| | | Male Reproductive |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|------------------------|------------|---------------|--------------|----------|--------------|
| Quartz | X | X | X | - | X |
| | | | | | |
| Dioctylphthalate | X | X | X | Х | Х |
| Acetone | | X | | | X |
| 1,2,4 Trimethylbenzene | Χ | X | X | Х | X |

International Regulations

| Chemical Name | Carcinogen Status | Exposure Limits |
|------------------------|-------------------|--------------------------------------|
| Quartz | | Mexico: TWA= 0.1 mg/m ³ |
| Dioctylphthalate | A3 | Mexico: TWA 5 mg/m ³ |
| • • | | Mexico: STEL 10 mg/m ³ |
| Acetone | | Mexico: TWA= 1000 ppm |
| | | Mexico: TWA= 2400 mg/m ³ |
| | | Mexico: STEL= 1260 ppm |
| | | Mexico: STEL= 3000 mg/m ³ |
| Ethyl benzene | | Mexico: TWA 100 ppm |
| | | Mexico: TWA 435 mg/m ³ |
| | | Mexico: STEL 125 ppm |
| | | Mexico: STEL 545 mg/m ³ |
| 1,2,4 Trimethylbenzene | | Mexico: TWA 25 ppm |
| | | Mexico: TWA 125 mg/m ³ |
| | | Mexico: STEL 35 ppm |
| | | Mexico: STEL 170 mg/m ³ |

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B2 Flammable liquid D2A Very toxic materials



Canadian National Pollutant Release Inventory (NPRI)

| Chemical Name | NPRI |
|------------------------|------|
| Dioctylphthalate | X |
| 1,2,4 Trimethylbenzene | X |

Legend X - Listed

16. OTHER INFORMATION

Prepared By Product Stewardship

23 British American Blvd. Latham, NY 12110 1-800-572-6501

Issuing Date 05-Aug-2011
Revision Date

Revision Note Initial Release.

General Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication and it does not purport to be all inclusive and shall be used only as a guide. We urge each customer or recipient of this MSDS to study it carefully to become aware of and understand the potential hazards associated with the product. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Any use of the product not in conformance with this MSDS or in combination with any other product or process is the responsibility of the user. Customary precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Remove all soiled and contaminated clothing immediately.

End of Safety Data Sheet