Material Safety Data Sheet

Issuing Date 27-Sep-2012 **Revision Date** 27-Sep-2012 **Revision Number** 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name **E-F Proselect Series Black Low VOC Solvent Paint**

Product Code(s) **98EF2178**

UN-Number UN1263

Recommended Use Industrial paint

Product Technology S/B

Manufacturer Address
Ennis-Flint
5910 North Central Expressway
Suite 1050
Dallas TX 75206
T: 800.331.8118
800.331.8118 (For Technical Inquiries)

Chemical Emergency Phone Number Chemtrec 800-424-9300

2. HAZARDS IDENTIFICATION

DANGER!

Emergency Overview

EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE
Harmful if swallowed, inhaled, or absorbed through skin
Irritating to eyes and skin
Vapors may be irritating to eyes, nose, throat, and lungs
Causes central nervous system depression
Contains known or suspected carcinogens
Contains a known or suspected reproductive toxin

Appearance Black **Physical State** Liquid. **Odor** Solvent

Potential Health Effects
Principle Routes of Exposure Inhalation. Skin contact. Eye contact.

Acute Toxicity

Eyes Moderately irritating to the eyes.

Skin Irritating to skin. Repeated exposure may cause skin dryness or cracking.

Inhalation Inhalation in high concentration may cause irritation of respiratory system. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Sanding and grinding dust may be harmful if inhaled.

Ingestion 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 Avoid repeated exposure. Prolonged exposure may cause chronic effects. May adversely affect the lung, liver, heart, and kidney. 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).

Main Symptoms Vapors may cause drowsiness and dizziness Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting

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.

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

Chemical Name	CAS-No	Weight %
Acetone	67-64-1	10-30
Chloroalkanes	61788-76-9	1-5
Xylenes (o-, m-, p- isomers)	1330-20-7	1-5
Quartz	14808-60-7	1-5
Ethyl benzene	100-41-4	1-5
Di(2-ethylhexyl)phthalate	117-81-7	0.1-1
Carbon black	1333-86-4	0.1-1
Toluene	108-88-3	0.1-1

4. FIRST AID MEASURES

General Advice Show this safety data sheet to the doctor in attendance. If swallowed, get medical help or contact a Poison Control Center right away. Call 911 or emergency medical service.

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. If irritation persists, call a physician.

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Inhalation Move to fresh air in case of accidental inhalation of vapors. If breathing has stopped, contact emergency medical services immediately. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Ingestion Do NOT induce vomiting. Call a physician or Poison Control Center immediately. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.

Notes to Physician Keep victim warm and quiet.

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: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Many liquids are lighter than water.

Flash Point -0.4 °F / -18 °C

Suitable Extinguishing Media Dry chemical, CO_2, 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 None.

Sensitivity to Static Discharge 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. Those substances designated with a "P" may polymerize explosively when heated or involved in a fire. Runoff to sewer may create fire or explosion hazard.

Protective Equipment and Precautions for Firefighters Move containers from fire area if you can do it without risk.

NFPA	**Health Hazard** 2	**Flammability** 4	**Instability** 0	**Physical and Chemical Hazards** -
HMIS	**Health Hazard** 2*	**Flammability** 4	**Physical Hazard** 0	**Personal Protection** X

**Indicates a chronic health hazard.*

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Ensure adequate ventilation. Wear protective gloves/clothing and eye/face protection. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

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

Methods for Containment A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for Cleaning Up Dike far ahead of liquid spill for later disposal. 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 Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapors/dust. 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. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing.

Storage Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep away from heat and sources of ignition. Keep away from heat. Keep away from direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m³ (vacated) STEL: 2400 mg/m³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm 10% LEL TWA: 250 ppm TWA: 590 mg/m³
Xylenes (o-, m-, p- isomers) 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³	
Quartz 14808-60-7	TWA: 0.025 mg/m³ respirable fraction	30/(%SiO2+2) mg/m³ TWA, Total Dust;250/%SiO2+5) mppcf TWA, respirable fraction; 10/(%SiO2+2) mg/m³ TWA, respirable TWA: 0.1 mg/m³ (vacated)	IDLH: 50 mg/m³ respirable dust TWA: 0.05 mg/m³ respirable dust
Carbon black 1333-86-4	TWA: 3.5 mg/m³	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³	IDLH: 1750 mg/m³ TWA: 3.5 mg/m³ TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Di(2-ethylhexyl)phthalate 117-81-7	TWA: 5 mg/m³	TWA: 5 mg/m³ (vacated) TWA: 5 mg/m³ (vacated) STEL: 10 mg/m³	IDLH: 5000 mg/m³ TWA: 5 mg/m³ STEL: 10 mg/m³
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 560 mg/m³
Xylenes (o-, m-, p- isomers) 1330-20-7	STEL = 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m³	

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
Ventilation systems

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles. Safety glasses with side-shields.

Skin and Body Protection Protective gloves. Solvent-resistant apron and boots.

Respiratory Protection 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

Appearance	Black.	**Odor**	Solvent.
Odor Threshold	Not applicable	**Physical State**	Liquid
pH	Not applicable		
Flash Point	-0.4 °F / -18 °C	**Autoignition Temperature**	No information available.
Decomposition Temperature	Not applicable	**Boiling Point/Boiling Range**	> 35 °C / > 95 °F
Melting Point/Range	Not applicable		
		Flammability Limits in Air	Not applicable
Solubility	Not applicable	**Evaporation Rate**	Not applicable
Vapor Pressure	Not applicable	**Vapor Density**	Not applicable
VOC (g/l)	<= 100		

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 None known based on information supplied.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Harmful by inhalation, in contact with skin and if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acetone	= 5800 mg/kg (Rat)	1700mg/kg (rabbit)	18892 mg/m^3
Xylenes (o-, m-, p- isomers)	= 4300 mg/kg (Rat)	> 1700 mg/kg (Rabbit)	= 47635 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h
Quartz	500 mg/kg (Rat)		
Carbon black	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	
Di(2-ethylhexyl)phthalate	= 6860 mg/kg (Rat)	= 24500 mg/kg (Rabbit)	> 23.67 mg/L (Rat) 1 h > 10.62 mg/L (Rat) 4 h
Toluene	>5580 mg/kg (Rat)	12124 mg/kg (Rat) 8390 mg/kg (Rabbit)	26700 ppm (Rat) 1 h
Xylenes (o-, m-, p- isomers)	= 4300 mg/kg (Rat)	> 1700 mg/kg (Rabbit)	29.08 mg/L [MOE Risk Assessment Vol.1, 2002]

Chronic Toxicity

Chronic Toxicity Avoid repeated exposure. Prolonged exposure may cause chronic effects. May adversely affect the lung, liver, heart, and kidney. 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).

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

Chemical Name	ACGIH	IARC	NTP	OSHA
Chloroalkanes		Group 2B		X
Xylenes (o-, m-, p- isomers)		Group 3	-	-
Quartz	A2	Group 1	Known	X
Ethyl benzene	A3	Group 2B		X
Di(2-ethylhexyl)phthalate	A3	Group 3	Reasonably Anticipated	X
Carbon black	-	Group 2B	-	X
Toluene		Group 3	-	-

ACGIH: (American Conference of Governmental Industrial Hygienists)
A2 - Suspected Human Carcinogen
A3 - Animal Carcinogen
A4 - Not Classifiable as a Human Carcinogen
IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3: Not Classifiable as to its Carcinogenicity 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

Target Organ Effects Central nervous system (CNS). Central vascular system (CVS). Eyes. Liver. Lungs. Respiratory system. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Acetone		LC50 96 h: 4.74 - 6.33 mL/L (Oncorhynchus mykiss) LC50 96 h: 6210 - 8120 mg/L static (Pimephales promelas) LC50 96 h: = 8300 mg/L (Lepomis macrochirus)	EC50 = 14500 mg/L 15 min	EC50 48 h: 10294 - 17704 mg/L Static (Daphnia magna) EC50 48 h: 12600 - 12700 mg/L (Daphnia magna)
Xylenes (o-, m-, p- isomers)		LC50 96 h: 13.1 - 16.5 mg/L flow-through (Lepomis macrochirus) LC50 96 h: 13.5 - 17.3 mg/L (Oncorhynchus mykiss) LC50 96 h: 2.661 - 4.093 mg/L static (Oncorhynchus mykiss) LC50 96 h: 23.53 - 29.97 mg/L static (Pimephales promelas) LC50 96 h: 30.26 - 40.75 mg/L static (Poecilia reticulata) LC50 96 h: 7.711 - 9.591 mg/L static (Lepomis macrochirus) LC50 96 h: = 13.4 mg/L flow-through (Pimephales promelas) LC50 96 h: = 19 mg/L (Lepomis macrochirus) LC50 96 h: = 780 mg/L semi-static (Cyprinus carpio) LC50 96 h: > 780 mg/L (Cyprinus carpio)	EC50 = 0.0084 mg/L 24 h	LC50 48 h: = 0.6 mg/L (Gammarus lacustris) EC50 48 h: = 3.82 mg/L (water flea)
Ethyl benzene	EC50 96 h: 1.7 - 7.6 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: 2.6 - 11.3 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: = 4.6 mg/L (Pseudokirchneriella subcapitata) EC50 96 h: > 438 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: 11.0-18.0 mg/L static (Oncorhynchus mykiss) LC50 96 h: 7.55-11 mg/L flow-through (Pimephales promelas) LC50 96 h: 9.1-15.6 mg/L static (Pimephales promelas) LC50 96 h: = 32 mg/L static (Lepomis macrochirus) LC50 96 h: = 4.2 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: = 9.6 mg/L static (Poecilia reticulata)	EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h	EC50 48 h: 1.8 - 2.4 mg/L (Daphnia magna)

Di(2-ethylhexyl)phthalate	EC50 96 h: > 0.1 mg/L (Pseudokirchneriella subcapitata) EC50 96 h: > 0.1 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: > 130 mg/L (Desmodesmus subspicatus)	LC50 96 h: 0.27 - 0.67 mg/L flow-through (Pimephales promelas) LC50 96 h: > 0.16 mg/L static (Pimephales promelas) LC50 96 h: > 0.200 mg/L flow-through (Lepomis 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 (Oncorhynchus mykiss)	EC50 = 800 mg/L 15 min EC50 = 800 mg/L 30 min EC50 = 800 mg/L 5 min	LC50 48 h: = 9.4 mg/L (Daphnia magna) EC50 48 h: > 0.16 mg/L (Daphnia magna)
Carbon black				EC50 24 h: > 5600 mg/L (Daphnia magna)
Toluene	EC50: >433 mg/L Pseudokirchneriella subcapitata 96 h EC50: 12.5 mg/L Pseudokirchneriella subcapitata 72 h static	LC50: 15.22-19.05 mg/L Pimephales promelas 96 h flow-through LC50: 12.6 mg/L Pimephales promelas 96 h static LC50: 5.89-7.81 mg/L Oncorhynchus mykiss 96 h flow-through LC50: 14.1-17.16 mg/L Oncorhynchus mykiss 96 h static LC50: 5.8 mg/L Oncorhynchus mykiss 96 h semi-static LC50: 11.0-15.0 mg/L Lepomis macrochirus 96 h static LC50: 54 mg/L Oryzias latipes 96 h static LC50: 28.2 mg/L Poecilia reticulata 96 h semi-static LC50: 50.87-70.34 mg/L Poecilia reticulata 96 h static	EC50 = 19.7 mg/L 30 min	EC50 48 h: 5.46 - 9.83 mg/L Static (Daphnia magna) EC50 48 h: = 11.5 mg/L (Daphnia magna)

Chemical Name	Log Pow
Acetone	-0.24
Xylenes (o-, m-, p- isomers)	3.15
Ethyl benzene	3.118
Di(2-ethylhexyl)phthalate	5.03
Toluene	2.65

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 Packaging Do not re-use empty 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
Xylenes (o-, m-, p- isomers) - 1330-20-7		Included in waste stream: F039		U239
Ethyl benzene - 100-41-4		Included in waste stream: F039		
Di(2-ethylhexyl)phthalate - 117-81-7	U028	Included in waste stream: F039		U028
Toluene - 108-88-3	U220	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151		U220

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Toluene - 108-88-3			Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	

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
Xylenes (o-, m-, p- isomers)	Toxic Ignitable
Ethyl benzene	Toxic Ignitable
Toluene	Toxic Ignitable

14. TRANSPORT INFORMATION

Note: This product contains hazardous materials with reportable quantities as listed in Section 15. Based on net weight of product, the shipping description and label may need to be marked with "RQ."

DOT

UN-Number	UN1263
Proper shipping name	Paint
Hazard Class	3
Subsidiary Class	None
Packing Group	II
Description	UN1263,Paint,3,PG II
Emergency Response Guide Number	128

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
Hazard Class	3
Packing Group	II
Description	UN1263,Paint,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,Marine Pollutant, FP -18C

RID

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

Classification Code	F1
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, 650
Description	UN1263 Paint,3,II
Hazard Labels	3
Limited Quantity	LQ3
Ventilation	VE01

15. REGULATORY INFORMATION

International Inventories

TSCA	All components are listed on the TSCA Inventory.
DSL	All components are listed either on the DSL or NDSL.

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 %
Xylenes (o-, m-, p- isomers)	1330-20-7	1-5	1.0
Di(2-ethylhexyl)phthalate	117-81-7	0.1-1	0.1

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
Xylenes (o-, m-, p- isomers)	100 lb			X
Di(2-ethylhexyl)phthalate		X	X	
Toluene	1000 lb	X	X	X
Xylenes (o-, m-, p- isomers)	100 lb			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 RQs	RQ
Acetone	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Xylenes (o-, m-, p- isomers)	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Di(2-ethylhexyl)phthalate	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Toluene	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Xylenes (o-, m-, p- isomers)	100 lb		RQ= 100 lb final RQ RQ= 45.4 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
Carbon black	1333-86-4	Carcinogen
Di(2-ethylhexyl)phthalate	117-81-7	Carcinogen Developmental Male Reproductive
Toluene	108-88-3	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Acetone		X			X
Xylenes (o-, m-, p- isomers)	X	X	X	X	X
Chloroalkanes				X	
Quartz	X	X	X	-	X
Carbon black	X	X	X	X	X
Di(2-ethylhexyl)phthalate	X	X	X	X	X
Ethyl benzene		X			X
Toluene	X	X	X	X	X
Xylenes (o-, m-, p- isomers)	X	X	X	X	X

International Regulations

Chemical Name	Carcinogen Status	Exposure Limits
Acetone		Mexico: TWA= 1000 ppm Mexico: TWA= 2400 mg/m^3 Mexico: STEL= 1260 ppm Mexico: STEL= 3000 mg/m^3

Xylenes (o-, m-, p- isomers)		Mexico: TWA 100 ppm Mexico: TWA 435 mg/m³ Mexico: STEL 150 ppm Mexico: STEL 655 mg/m³
Quartz		Mexico: TWA= 0.1 mg/m³
Carbon black		Mexico: TWA 3.5 mg/m³ Mexico: STEL 7 mg/m³
Di(2-ethylhexyl)phthalate	A3	Mexico: TWA 5 mg/m³ Mexico: STEL 10 mg/m³
Toluene		Mexico: TWA= 50 ppm Mexico: TWA= 188 mg/m³
Xylenes (o-, m-, p- isomers)		Mexico: TWA= 100 ppm Mexico: TWA= 435 mg/m³ Mexico: STEL= 150 ppm Mexico: STEL= 655 mg/m³

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
D2B Toxic materials
D2A Very toxic materials

Component	NPRI
Ethyl benzene 100-41-4 (1-5)	X
Di(2-ethylhexyl)phthalate 117-81-7 (0.1-1)	X
Toluene 108-88-3 (0.1-1)	X

Legend

NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 27-Sep-2012
Revision Date 27-Sep-2012
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