
SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: .42620
Product Name: RED POLY GLAZE EPOXY METAL PRIMER
Revision Date: Dec 19, 2016 **Date Printed:** Dec 19, 2016
Version: 2.0 **Supersedes Date:** Apr 21, 2016
Manufacturer's Name: Repolite Paints, Inc.
Address: 473 West 17th Street Holland, MI, US, 49423
Emergency Phone: 800-535-5053
Information Phone Number: 616-396-1275
Fax: 616-396-9654

SECTION 2) HAZARDS IDENTIFICATION

Classification:

Specific Target Organ Toxicity - Repeated Exposure - Category 2

Skin Irritation - Category 2

Serious Eye Damage - Category 1

Skin Sensitizer - Category 1

Carcinogenicity - Category 2

Reproductive Toxicity - Category 2

Chronic aquatic toxicity - Category 2

Flammable Liquids - Category 2

Acute aquatic toxicity - Category 2

Acute toxicity Dermal - Category 4

Acute toxicity Inhalation - Category 4

Acute toxicity Oral - Category 4

Pictograms:



Signal Word:

Danger

Hazardous Statements - Physical:

H225 - Highly flammable liquid and vapor

Hazardous Statements - Health:

H373 - May cause damage to organs through prolonged or repeated exposure.

H315 - Causes skin irritation

H318 - Causes serious eye damage

H317 - May cause an allergic skin reaction

H351 - Suspected of causing cancer.

H361 - Suspected of damaging fertility or an unborn child.

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H332 - Harmful if inhaled

Hazardous Statements - Environmental:

H401 - Toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Precautionary Statements - Prevention:

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P264 - Wash thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P273 - Avoid release to the environment.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242 - Use only non-sparking tools.

P243 - Take action to prevent static discharges.

P270 - Do not eat, drink or smoke when using this product.

P271 - Use only outdoors or in a well-ventilated area.

Precautionary Statements - Response:

P314 - Get Medical advice/attention if you feel unwell.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P321 - For specific treatment see section 4.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing. And wash it before reuse.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention.

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

P391 - Collect spillage.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P370 + P378 - In case of fire: Use dry chemical, foam, or carbon dioxide to extinguish.

P301 + P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330 - Rinse mouth.

P312 - Call a POISON CENTER/doctor if you feel unwell.

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements - Storage:

P405 - Store locked up.
P403 + P235 - Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal:

P501 - Dispose of contents/container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Acute toxicity of 14.7% of the mixture is unknown

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0001309-37-1	FERRIC OXIDE	6% - 13%
0000108-38-3	M-XYLENE	5% - 12%
0002807-30-9	ETHYLENE GLYCOL MONOPROPYL ETHER	5% - 11%
0001330-20-7	XYLENE	3% - 7%
0000106-42-3	P-XYLENE	2% - 5%
0000100-41-4	ETHYLBENZENE	2% - 5%
0000095-47-6	O-XYLENE	1.6% - 4%
0001314-13-2	ZINC OXIDE	1.6% - 4%
0001335-30-4	ALUMINUM SILICATE HYDRATE	1.3% - 3%
0000112-24-3	TRIETHYLENE TETRAMINE	0.0% - 0.7%
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	Trace
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	Trace
0014808-60-7	SILICA, CRYSTALLINE	Trace

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing.
IF exposed or concerned: Get medical advice/attention.
Eliminate all ignition sources if safe to do so.

Skin Contact:

Take off all contaminated clothing, shoes, and leather goods (e.g., watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation or rash occurs: Get medical advice/attention.
Store contaminated clothing under water and wash before re-use (or discard).

Eye Contact:

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 30 minutes or until medical aid is available. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately call a POISON CENTER/doctor.

Ingestion:

Rinse mouth. If you feel unwell or are concerned : Get medical advice/attention.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical, foam, or carbon dioxide is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

Unsuitable Extinguishing Media:

No data available.

Specific Hazards in Case of Fire:

Vapors are heavier than air and may travel along the ground to ignition sources at locations distant from material handling point.

Vapor accumulations and spray mist may flash or explode if ignited.

Closed containers may rupture due to pressure buildup when exposed to extreme heat.

Fire-fighting Procedures:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions:

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

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

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

Recommended Equipment:

Positive pressure, full-face piece self-contained breathing apparatus SCBA), or positive pressure supplied air respirator with escape SCBA (NIOSH approved).

Personal Precautions:

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up:

Dike area to contain spill.

Absorb spill with inert absorbent.

SECTION 7) HANDLING AND STORAGE

General:

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and any incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous.

Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

Ground and bond containers and receiving equipment. Avoid static electricity by grounding.

SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection:

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection:

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

Use self-contained breathing apparatus where vapor concentrations are above TLV limits. Below TLV limits, use a NIOSH approved, canister type vapor respirator.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

A suitable, NIOSH-approved respirator and goggles should be worn when standing or grinding objects coated with this paint.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen
ALIPHATIC, LIGHT HYDROCARBON SOLVENT	500	2000			1							
ALUMINUM SILICATE HYDRATE									1 (R)			A4
AROMATIC HYDROCARBON MIXTURE >C9	500	2000			1							
ETHYLBENZENE	100	435			1			20				A3
FERRIC OXIDE		[10]; [15]; [5];			1				5 (R)			A4
M-XYLENE	100	435			1			100	434	150	651	A4
O-XYLENE	100	435			1			100	434	150	651	A4
P-XYLENE	100	435			1			100	434	150	651	A4
SILICA, CRYSTALLINE	a	[10 mg/m3 percent SiO2+2 / 250 percent SiO2+5 mppcf]; [30 mg/m3 percent SiO2+2];			[1,3]; [3];				0.025 (R)			A2
XYLENE	100	435			1			100	434	150	651	A4
ZINC OXIDE		[15]; [5];			1				2 (R)		10 (R)	

Chemical Name	ACGIH Notations	ACGIH TLV Basis
ALIPHATIC, LIGHT HYDROCARBON SOLVENT		
ALUMINUM SILICATE HYDRATE	A4	Pneumococcal niosis; LRT irr; neurotoxicity
AROMATIC HYDROCARBON MIXTURE >C9		

ETHYLBENZENE	A3; BEI	URT irr;Kidney dam (nephropat hy); Cochlear impair
FERRIC OXIDE	A4	Pneumoco niosis
M-XYLENE	A4; BEI	URT & eye irr; CNS impair
O-XYLENE	A4; BEI	URT & eye irr; CNS impair
P-XYLENE	A4; BEI	URT & eye irr; CNS impair
SILICA, CRYSTALLINE	A2	Pulmonary fibrosis; lung cancer
XYLENE	A4; BEI	URT & eye irr; CNS imampir
ZINC OXIDE		Metal fume fever

A2 - Suspected Human Carcinogen, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, impair - Impairment, irr - Irritation, LRT - Lower respiratory tract, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Specific Gravity (g/cm3)	1.51745
Density	12.66369 lb/gal
% Solids By Weight	67.94680%
% VOC	31.33034%
Density VOC	3.96758 lb/gal
VOC Regulatory	3.93694 lb/gal
VOC Regulatory	471.76381 g/l

Appearance	liquid
Odor Threshold	N/A
Odor Description	strong solvent odor
pH	N/A
Water Solubility	N/A
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	NA
Freezing Point	N/A
Melting Point	N/A
Low Boiling Point	334 °F
High Boiling Point	334 °F
Auto Ignition Temp	N/A

Decomposition Pt	N/A
Evaporation Rate	slower than ether
Coefficient Water/Oil	N/A

SECTION 10) STABILITY AND REACTIVITY

Stability:

Stable.

Conditions to Avoid:

Excessive heat.

Avoid excessive heat, sparks, flame and contact with incompatible materials.

Hazardous Reactions/Polymerization:

No data available.

Incompatible Materials:

Strong oxidizers.

Hazardous Decomposition Products:

May produce fumes when heated to decomposition.

Fumes may contain carbon monoxide and carbon dioxide.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation:

Prolonged or repeated exposure can cause moderate skin irritation, defatting and dermatitis.

Causes skin irritation

Serious Eye Damage/Irritation:

Causes serious eye damage

Respiratory/Skin Sensitization:

May cause an allergic skin reaction

Germ Cell Mutagenicity:

No Data Available

Carcinogenicity:

Suspected of causing cancer.

Reproductive Toxicity:

Suspected of damaging fertility or an unborn child.

Specific Target Organ Toxicity - Single Exposure:

No Data Available

Specific Target Organ Toxicity - Repeated Exposure:

May cause potential damage to liver and kidneys through prolonged or repeated exposure.

Reports have associated repeated & prolonged exposure to solvents with permanent brain & nervous system damage.

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard:

No Data Available

Acute Toxicity:

If inhaled they can cause headache, breathing difficulties and loss of consciousness.

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Intentional misuse by deliberately concentrating & inhaling vapors of this product may be harmful or fatal.

If ingested, can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

0000095-47-6 O-XYLENE

LC50 (rat): 5300 ppm (4-hour exposure); cited as 4330 ppm (6-hour exposure) (3)
LC50 (mouse): 5630 ppm (4-hour exposure); cited as 4595 ppm (6-hour exposure) (3,4)

LD50 (oral, rat): 3608 mg/kg (3,16)
LD50 (dermal, rabbit): 20000 mg/kg (3)

0000100-41-4 ETHYLBENZENE

LC50 (inhalation, rat): 4000 ppm; 4-hour exposure (3)

LD50 (oral, rat): 3.5 g/kg (1,3,5,10)
LD50 (oral, rat): 4.72 g/kg (3,5,7,8)
LD50 (dermal, rabbit): 17.8 g/kg (11)

0000106-42-3 P-XYLENE

LC50 (rat): 4740 ppm (4-hour exposure) (3)
LC50 (mouse): 4800 ppm (4-hour exposure); cited as 3900 ppm (6-hour exposure) (1,4,6)
LD50 (oral, rat): 4030 mg/kg (3); 4550 mg/kg (10)

0000108-38-3 M-XYLENE

LC50 (rat): 7330 ppm (4-hour exposure); cited as 5984 ppm (6-hour exposure) (3,17)
LC50 (mouse): 6450 ppm (4-hour exposure); cited as 5267 ppm (6-hour exposure) (3)

LD50 (oral, rat): 5011 mg/kg (3); 6660 mg/kg (3)
LD50 (dermal, rabbit): 12180 mg/kg (3,17)

0001314-13-2 ZINC OXIDE

LD50 (oral, mouse): 7950 mg/kg body weight (9)

0001330-20-7 XYLENE

LC50 (rat): 6350 ppm (4-hour exposure) (unspecified isomers and ethylbenzene) (1)LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene) (2) ethylbenzene) (1)
LC50 (rat): 6700 ppm (4-hour exposure) (65% m-xylene, 7.6% o-xylene, 7.8% p-xylene, 19.3% ethylbenzene)(2)
LD50 (oral, rat): 5400 mg/kg (52% m-, 19% o-, 24% p-) (1)LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)
LD50 (oral, female mouse): 5251 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (oral, male mouse): 5627 mg/kg (60.2% m-, 9.1% o-, 14.6% p-, 17.0% ethylbenzene) (4)
LD50 (dermal, rabbit): 12180 mg/kg (m-xylene); greater than 1700 mg/kg (mixed xylenes - undefined composition) (3)

Chronic Exposure

0000100-41-4 ETHYLBENZENE

CARCINOGENIC EFFECTS: Ethyl Benzene has been listed by IARC as Group 2B, Possibly Carcinogenic to Humans.

TERATOGENIC EFFECTS: Ethyl Benzene has been Classified as POSSIBLE for humans.

0001330-20-7 XYLENE

High exposure to Xylenes in some animal studies have been reported to cause health effects on the developing embryo/fetus.

Xylene in high concentrations has caused embryotoxic effects in laboratory animals.

0014808-60-7 SILICA, CRYSTALLINE

Prolonged inhalation of respirable crystalline silica dust can result in lung disease (i.e. silicosis and/or lung cancer). Symptoms include coughing, shortness of breath, wheezing and reduced pulmonary function.

Potential Health Effects - Miscellaneous

0000100-41-4 ETHYLBENZENE

Is an IARC, NTP or OSHA carcinogen. Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. Studies in laboratory animals have shown reproductive, embryotoxic and developmental effects.
WARNING: This chemical is known to the State of California to cause cancer.

0001330-20-7 XYLENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow, cardiovascular system, central nervous system, kidneys, liver, lungs. Recurrent overexposure may result in liver and kidney injury. High exposures may produce irregular heart beats. Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known. Repeated or prolonged skin contact may cause any of the following: irritation, dryness, cracking of the skin.

0014808-60-7 SILICA, CRYSTALLINE

Is an IARC, NTP or OSHA carcinogen. Repeated overexposure to crystalline silica may lead to x-ray changes and chronic lung disease. Inhalation of high dust concentrations may cause: breathing difficulties, lung injury. WARNING: This chemical is known to the State of California to cause cancer.

0064742-89-8 ALIPHATIC, LIGHT HYDROCARBON SOLVENT

Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

0064742-95-6 AROMATIC HYDROCARBON MIXTURE >C9

The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

SECTION 12) ECOLOGICAL INFORMATION

Persistence and Degradability:

No data available.

Bio-accumulative Potential:

No data available.

Mobility in Soil:

No data available.

Toxicity:

Toxic to aquatic life

Toxic to aquatic life with long lasting effects

0001314-13-2 ZINC OXIDE

LC50 (fish, species: Rainbow Trout): duration: 96 hours, End point value: 1.1 mg/L, Reference : ECOTOX

EC50 (Crustacean, species: Daphnia magna): duration: 48 hours, End point value: 0.481 mg/L, Reference : ECOTOX

Other adverse effects:

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal:

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14) TRANSPORT INFORMATION

IMDG Information:

Proper Shipping Name: PAINT
Identification Number : UN/NA 1263
Hazard Class:3
Packing group: II
Marine Pollutant : No data available

IATA Information:

Proper Shipping Name: PAINT
Identification Number : UN/NA 1263
Hazard Class:3
Packing group: II

U.S. DOT Information:

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0037244-96-5	NEPHELINE SYENITE	19% - 32%	DSL,SARA312
NA-ERAEnviro	STRONTIUM AND COMPOUNDS	9% - 21%	SARA312
0001309-37-1	FERRIC OXIDE	6% - 13%	DSL,SARA312,TSCA
0000108-38-3	M-XYLENE	5% - 12%	SARA313, Canada_NPRI,DSL,CERCLA,HAPS,SARA312,VOC,TSCA,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0002807-30-9	ETHYLENE GLYCOL MONOPROPYL ETHER	5% - 11%	SARA313, DSL,CERCLA,HAPS,SARA312,VOC,TSCA,CA_TAC_Carcinogen,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0001330-20-7	XYLENE	3% - 7%	SARA313, Canada_NPRI,DSL,CERCLA,HAPS,SARA312,VOC,TSCA,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000106-42-3	P-XYLENE	2% - 5%	SARA313, Canada_NPRI,DSL,CERCLA,HAPS,SARA312,VOC,TSCA,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0000100-41-4	ETHYLBENZENE	2% - 5%	SARA313, Canada_NPRI,DSL,CERCLA,HAPS,SARA312,VOC,TSCA,CA_Carcinogen,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer
0000095-47-6	O-XYLENE	1.6% - 4%	SARA313, Canada_NPRI,DSL,CERCLA,HAPS,SARA312,VOC,TSCA,WI_NR438 - WI_NR438 - AIR CONTAMINANT EMISSION INVENTORY REPORTING REQUIREMENTS
0001314-13-2	ZINC OXIDE	1.6% - 4%	SARA313, Canada_NPRI,DSL,CERCLA,SARA312,TSCA
0001335-30-4	ALUMINUM SILICATE HYDRATE	1.3% - 3%	DSL,SARA312,TSCA
0000112-24-3	TRIETHYLENE TETRAMINE	0.0% - 0.7%	DSL,SARA312,TSCA
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	Trace	Canada_NPRI,DSL,SARA312,VOC,TSCA
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	Trace	Canada_NPRI,DSL,SARA312,VOC,TSCA
0014808-60-7	SILICA, CRYSTALLINE	Trace	DSL,SARA312,TSCA,CA_Carcinogen,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer

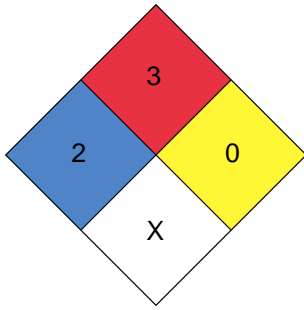
The information in this Section does not list components that might have relevant Canada_NPRI, DSL, SARA312, TSCA, VOC regulatory values, if they are present at less than 10%. Please contact manufacturer for more information.


SECTION 16) OTHER INFORMATION

General:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

HMIS



Chronic : 

Version 2.0:

Revision Date: Dec 19, 2016

DISCLAIMER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.