Safety Data Sheet
For
Mascoat 250P Epoxy-Part B

Section 1-Chemical Product and Company Information

Product Name: Mascoat 250P Epoxy Part B
Product Code: M-250P
Trade Name: 250P Epoxy

Manufactured for:
Mascoat
4310 Campbell Road
Houston, TX 77041
USA

Emergency Telephone:
713-465-0304

Product Use: Primer for use under insulation coatings and for corrosion inhibition
Not recommended for: Unintended uses, application by non-professional applicators

Section 2-Hazards Identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Aspiration toxicity	Category 1
Flammable liquids	Category 3

Label elements

Danger

Hazard statements
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
May cause genetic defects
May cause cancer
May be fatal if swallowed and enters airways
Flammable liquid and vapor

Appearance Paint **Physical state** liquid **Odor** Aromatic

Precautionary Statements
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands, and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical/ ventilating / lighting/ non-sparking/ equipment
Use only non-sparking tools
Take precautionary measures against static discharge

Precautionary Statements • Response
IF exposed or concerned: Get medical advice/attention
Specific treatment (see information on this label)
IF exposed: Call a POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
If skin irritation or rash occurs: Get medical advice/attention
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower
Wash contaminated clothing before reuse
IF SWALLOWED: Immediately call a POISON CENTER or doctor
Do NOT induce vomiting
In case of fire: Use CO2, dry chemical, or foam to extinguish

Precautionary Statements • Storage
Store locked up
Store in a well-ventilated place. Keep cool

Precautionary Statements • Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

Other Information
Toxic to aquatic life with long lasting effects Toxic to aquatic life

Unknown acute toxicity 47 % of the mixture consists of ingredient(s) of unknown toxicity

Section 3- Composition and Information on Ingredients

Mixture

Chemical Name	CAS No.	Weight•%
Naphtha, petroleum,	68603-08-7	13.0
Mica	12001-26-2	9
Solvent naphtha (petroleum),	64742-95-6	6.6
Benzyl alcohol	100-51-6	5.3
1,2,4-trimethylbenzene	95-63-6	3.4
xylene	1330-20-7	1.5
3,6-	112-24-3	1
cumene	98-82-8	0.1

Section 4-First Aid Measures

Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. Call 911 or emergency medical service. Immediately call a POISON CENTER or doctor/physician. Use first aid treatment according to the nature of the injury.

Inhalation

Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical advice/attention. Delayed pulmonary edema may occur. Administer oxygen if breathing is difficult. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician. Unconscious persons should be moved to an uncontaminated area and, as necessary, given artificial resuscitation and supplemental oxygen.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Get medical attention if symptoms occur.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. Remove material from skin immediately. Wash off immediately with soap and plenty of water for at least 15 minutes. Do not use solvents or thinners to dissolve the material. Take off contaminated clothing and wash before reuse. Get medical attention immediately if symptoms occur. Allergic symptoms may be delayed.

Ingestion

ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

Self•protection of the first aider

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Avoid contact with skin, eyes, or clothing. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Symptoms

Itching. Rashes. Hives. Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Burning sensation. Symptoms may include headache, dizziness, thirst, cramping, coughing and nausea. These symptoms may be delayed. Repeated or prolonged exposure may cause kidney, liver, neurological, central nervous system, eye, and skin disorders. See Section 11 for additional Toxicological Information. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Vapors may cause drowsiness and dizziness.

Indication of any immediate medical attention and special treatment needed

Note to physicians

May cause sensitization in susceptible persons. Treat symptomatically. Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances. Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed.

Section 5-Fire Fighting Measures

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam. Dry chemical, CO2, alcohol-resistant foam, or water spray. Use water spray or fog; do not use straight streams. Dry sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be ineffective.

Specific hazards arising from the chemical

I Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by skin contact. May be ignited by heat, sparks, or flames. Vapors may form explosive mixture with air. Vapors may travel to source of ignition and flash back. In the event of fire and/or explosion do not breathe fumes. Containers may explode when heated. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.). Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire may produce irritating, corrosive and/or toxic gases.

Hazardous combustion products Carbon monoxide. Carbon dioxide (C02). Hydrocarbons. Nitrogen oxides (N0x).

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge Yes.

Special protective equipment for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NI0SH (approved or equivalent) and full protective gear. Use only non-sparking tools.

Section 6-Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Full encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Wear protective gloves/protective clothing and eye/face protection.

Other Information Ventilate the area. Refer to protective measures listed in Sections 7 and 8. Water spray may reduce vapor; but may not prevent ignition in closed spaces

Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information. Dispose of this

material and its container to hazardous or special waste collection point. Prevent entry into waterways, sewers, basements, or confined areas.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches, and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Dike to collect large liquid spills.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Place in appropriate chemical waste container. Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place into a container for later disposal. Use clean non-sparking tools to collect absorbed material. Use personal protective equipment as required.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections See section 8 for more information. See section 13 for more information.

Section 7-Handling and Storage

Precautions for safe handling

Advice on safe handling Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire, or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink, or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes. Ensure adequate ventilation. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not ingest. If swallowed, seek immediate medical assistance. Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof. Remove all sources of ignition.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials. Keep/store only in original container. Keep away from open flames, hot surfaces, and sources of ignition.

Section 8-Exposure Controls / Personal Protection

Control parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mica 12001-26-2	TWA: 3 mg/m3 respirable fraction	(vacated) TWA: 3 mg/m3 respirable dust <1% Crystalline silica TWA: 20 mppcf <1% Crystalline silica	IDLH: 1500 mg/m3 TWA: 3 mg/m3 containing <1% Quartz respirable dust
1,2,4-trimethylbenzene 95-63-6	-	-	TWA: 25 ppm TWA: 125 mg/m3
xylene 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	-
cumene 98-82-8	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m3 (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m3 (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m3

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tight sealing safety goggles.

Hand Protection

Wear suitable gloves. Impervious gloves. Wear nitrile or natural rubber gloves to protect hands from contact. Butyl gloves are best for prolonged contact.

Skin and body protection	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots. Impervious clothing such as Tyvek(R) coveralls for light protection or Saranex(R) 23-P for moderate protection.
Respiratory protection	If exposure limits have been 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. Adequate ventilation should be used as the first measure to ensure airborne thresholds listed in section 8 of this SDS are not exceeded. If respirators are used, they should be used in accordance with the Hazard Communication Standard.
General hygiene considerations	Do not eat, drink, or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes, or clothing

Section 9-Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	liquid
Appearance	Paint
Odor	Aromatic
Color	metallic
Odor threshold	No information available

Property	**Values**	**Remarks • Method**
pH	8	
Melting point I freezing point	No data available	None known
Boiling point I boiling range	101 °C / 214 °F	None known
Flash point	27 °C / 81 °F	
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	None known
Solubility in other solvents	No data available	None known

Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
Specific gravity	1.39
Non•Volatile (%)	86 %

VOC Content (gll)	197
Density	11.61 lbs./gal
Bulk density	No information available

Section 10-Stability and Reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	None under normal processing.
Conditions to avoid	Heat, flames, and sparks.
Incompatible materials	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides (NOx). Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Section 11-Toxicological Information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Irritating to eyes. (based on components). Causes serious eye irritation.
Skin contact	May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Repeated exposure may cause skin dryness or cracking. Causes skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed.

Chemical Name	Acute toxicity • Oral	Oral LD50	Acute toxicity • Dermal	LD50ldermallrat • mglkg
Solvent naphtha (petroleum), light arom. 64742-95-6		= 8400 mglkg (Rat)		> 2000 mglkg (Rabbit)
Benzyl alcohol 100-51-6	Category 4	= 1230 mglkg (Rat)		= 2 glkg (Rabbit)
1,2,4-trimethylbenzene 95-63-6		= 3280 mglkg (Rat)		> 3160 mglkg (Rabbit)

xylene 1330-20-7		= 3500 mglkg (Rat)	Category 4	> 1700 mglkg (Rabbit) > 4350 mglkg (Rabbit)
3,6-diazaoctanethylenediamin 112-24-3		= 2500 mglkg (Rat)	Category 4	= 550 mglkg (Rabbit)
cumene 98-82-8		= 1400 mglkg (Rat)		= 12300 µlkg (Rabbit)

Chemical Name	Physical state	Acute toxicity • Inhalation (DustslMists)	Acute toxicity • Inhalation (Gases)	Acute toxicity • Inhalation (Vapors)	Inhalation LC50	LC50 Inh 1•hr Vapor ratlrabbit (no units)	Inhalation LC50 • 4 hour • vapor • mglL
Solvent naphtha (petroleum), light arom. 64742-95-6	-				= 3400 ppm (Rat) 4 h	-	-
Benzyl alcohol 100-51-6	liquid	Category 4			= 8.8 mgl (Rat) 4 h	-	-
1,2,4-trimethylbenzene 95-63-6	liquid	Category 4			= 18 glm³ (Rat) 4 h	-	-
xylene 1330-20-7	-	Category 4			= 29.08 mgl (Rat) 4 h = 5000 ppm (Rat) 4 h	-	-
3,6-diazaoctanethylenediamin 112-24-3	liquid				-	-	-
cumene 98-82-8	liquid				= 39000 mglm³ (Rat) 4 h > 3577 ppm (Rat) 6 h	8770.5866	21.557

Chemical Name	Acute aquatic toxicity	M•Factor	Chronic aquatic toxicity	M•Factor
Solvent naphtha (petroleum), light arom. 64742-95-6	Category 2	-	Category 2	-
Benzyl alcohol 100-51-6	Category 2	-	Category 2	-
1,2,4-trimethylbenzene 95-63-6	Category 2	-	Category 2	-
xylene 1330-20-7	Category 1	-	Category 1	-
3,6-diazaoctanethylenediamin 112-24-3	Category 2	-	Category 3	-
cumene 98-82-8	Category 1	-	Category 2	-

Chemical Name	Eyes	Respiratory sensitization	Skin sensitization	Mutagenicity	Mutagenic category 1
Naphtha, petroleum, aromatic-contg. 68603-08-7				Category 1	Category 1B
Solvent naphtha (petroleum), light arom. 64742-95-6				Category 1	Category 1B

1,2,4-trimethylbenzene 95-63-6	Category 2				
3,6-diazaoctanethylenediamin 112-24-3			Category 1		

Chemical Name	Carcinogenicity	Carcinogenic category 1	Reproductive toxicant	Toxic to reproduction category 1	Effects on or via lactation
Naphtha, petroleum, aromatic-contg. 68603-08-7	Category 1	Category 1B			
Solvent naphtha (petroleum), light arom. 64742-95-6	Category 1	Category 1B			

Chemical Name	NIOSH • Target Organs	STOT • single exposure	Target Organ Systemic Toxicant • Repeated exposure	Aspiration toxicity	Ozone
Naphtha, petroleum, aromatic-contg. 68603-08-7	-			Category 1	
Mica 12001-26-2	respiratory system containing <1% quartz				
Solvent naphtha (petroleum), light arom. 64742-95-6	-			Category 1	
1,2,4-trimethylbenzene 95-63-6	eyes,CNS,respiratory system,skin,blood	H335 - May cause respiratory irritation Category 3			
cumene 98-82-8	eyes,CNS,respiratory system,skin	H335 - May cause respiratory irritation Category 3		Category 1	

Information on toxicological effects

Symptoms Itching. Rashes. Hives. Difficulty in breathing. Coughing andl or wheezing. Dizziness.

Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 7,019.00 mglkg
ATEmix (dermal) 5,715.00 mglkg
ATEmix (inhalation•dustlmist) 7.83 mgll

Unknown acute toxicity 47 % of the mixture consists of ingredient(s) of unknown toxicity

Component Information

Chemical Name	Oral ID50	▌D50ldermallrat - mglkg	Inhalation ▌C50
Solvent naphtha (petroleum), light arom. 64742-95-6	= 8400 mglkg (Rat)	> 2000 mglkg (Rabbit)	= 3400 ppm (Rat) 4 h
Benzyl alcohol 100-51-6	= 1230 mglkg (Rat)	= 2 glkg (Rabbit)	= 8.8 mgl▌ (Rat) 4 h
1,2,4-trimethylbenzene 95-63-6	= 3280 mglkg (Rat)	> 3160 mglkg (Rabbit)	= 18 glm³ (Rat) 4 h
xylene	= 3500 mglkg (Rat)	> 1700 mglkg (Rabbit) > 4350	= 29.08 mgl▌ (Rat) 4 h = 5000

1330-20-7		mglkg (Rabbit)	ppm (Rat) 4 h
3,6-diazaoctanethylenediamin 112-24-3	= 2500 mglkg (Rat)	= 550 mglkg (Rabbit)	-
cumene 98-82-8	= 1400 mglkg (Rat)	= 12300 µlkg (Rabbit)	= 39000 mglm³ (Rat) 4 h > 3577 ppm (Rat) 6 h

Delayed and immediate effects as well as chronic effects from short and long•term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Irritating to skin.

Serious eye damage/eye irritation Classification based on data available for ingredients. Irritating to eyes.

Respiratory or skin sensitization May cause sensitization by skin contact.

Germ cell mutagenicity Classification based on data available for ingredients. Contains a known or suspected mutagen. The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

Carcinogenicity Classification based on data available for ingredients. Contains a known or suspected carcinogen.

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

Chemical Name	ACGIH	IARC	NTP	OSHA
xylene 1330-20-7	-	Group 3	-	-
cumene 98-82-8	-	Group 2B	Reasonably Anticipated	X

Reproductive toxicity No information available.

STOT • single exposure No information available.

Target Organ Systemic Toxicant • Repeated exposure No information available.

Target organ effects Respiratory system, Eyes, Skin, Central nervous system, blood.

Aspiration hazard May be fatal if swallowed and enters airways.

Section 12-Ecological Information

Ecotoxicity .

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Solvent naphtha (petroleum), light arom. 64742-95-6	-	9.22: 96 h Oncorhynchus mykiss mgl EC50	-	6.14: 48 h Daphnia magna mgl EC50
Benzyl alcohol 100-51-6	35: 3 h Anabaena variabilis mgl EC50	460: 96 h Pimephales promelas mgl EC50 static 10: 96 h epomis macrochirus mgl EC50 static	-	23: 48 h water flea mgl EC50
1,2,4-trimethylbenzene 95-63-6	-	7.19 - 8.28: 96 h Pimephales promelas mgl EC50 flow-through	-	6.14: 48 h Daphnia magna mgl EC50
xylene	-		-	

1330-20-7		13.4: 96 h Pimephales promelas mgl▌ ▌C50 flow-through 2.661 - 4.093: 96 h Oncorhynchus mykiss mgl▌ ▌C50 static 13.5 - 17.3: 96 h Oncorhynchus mykiss mgl▌ ▌C50 13.1 - 16.5: 96 h ▌epomis macrochirus mgl▌ ▌C50 flow-through 19: 96 h ▌epomis macrochirus mgl▌ ▌C50 7.711 - 9.591: 96 h ▌epomis macrochirus mgl▌ ▌C50 static 23.53 - 29.97: 96 h Pimephales promelas mgl▌ ▌C50 static 780: 96 h Cyprinus carpio mgl▌ ▌C50 semi-static 780: 96 h Cyprinus carpio mgl▌ ▌C50 30.26 - 40.75: 96 h Poecilia reticulata mgl▌ ▌C50 static		3.82: 48 h water flea mgl▌ EC50 0.6: 48 h Gammarus lacustris mgl▌ IC50
3,6-diazaoctanethylenediamin 112-24-3	2.5: 72 h Desmodesmus subspicatus mgl▌ EC50 20: 72 h Pseudokirchneriella subcapitata mgl▌ EC50 3.7: 96 h Pseudokirchneriella subcapitata mgl▌ EC50	570: 96 h Poecilia reticulata mgl▌ ▌C50 semi-static 495: 96 h Pimephales promelas mgll lC50	-	31.1: 48 h Daphnia magna mgl▌ EC50
cumene 98-82-8	2.6: 72 h Pseudokirchneriella subcapitata mgl▌ EC50	6.04 - 6.61: 96 h Pimephales promelas mgl▌ ▌C50 flow-through 4.8: 96 h Oncorhynchus mykiss mgl▌ ▌C50 flow-through 2.7: 96 h Oncorhynchus mykiss mgl▌ ▌C50 semi-static 5.1: 96 h Poecilia reticulata mgl▌ ▌C50 semi-static	-	0.6: 48 h Daphnia magna mgl▌ EC50 7.9 - 14.1: 48 h Daphnia magna mgl▌ EC50 Static

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Component Information

Chemical Name	Partition coefficient	DOT Marine Pollutant	DOT Severe Marine pollutant
Benzyl alcohol 100-51-6	1.1		
1,2,4-trimethylbenzene 95-63-6	3.63		
xylene 1330-20-7	3.15		
3,6-diazaoctanethylenediamin 112-24-3	-1.4		
cumene 98-82-8	3.55		

Other adverse effects No information available.

Section 13-Disposal Considerations

Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture of weld containers.

US EPA Waste Number D001, U220 U239

Chemical Name	RCRA	RCRA - Basis for listing	RCRA - D Series Wastes	RCRA - U Series Wastes
xylene 1330-20-7	-	Included in waste stream: F039	-	U239
cumene 98-82-8	-	-	-	U055

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

Chemical Name	California Hazardous Waste Status
xylene 1330-20-7	Toxic Ignitable
cumene 98-82-8	Toxic Ignitable

Section 14-Transport Information

DOT

UNIID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group III
Reportable Quantity (RQ) (Xylenes (mixed isomers): RQ (kg)= 45.40)
Special Provisions B1, B52, IB3, T2, TP1, TP29, 367
Description UN1263, Paint (1,2,4-TRIMETHYLBENZENE, 3,6-DIAZAOCTANETHYLENEDIAMIN), 3, III, Marine pollutant
Emergency Response Guide Number 128

TDG

UNIID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group III
Description UN1263, Paint (1,2,4-TRIMETHYLBENZENE, 3,6-DIAZAOCTANETHYLENEDIAMIN), 3, III, Marine pollutant

MEX

UNIID no. UN1263
Proper shipping name Paint
Hazard Class 3
Special Provisions 163, 223
Packing Group III
Description UN1263, Paint, 3, III

ICAO (air)

UNIID no. UN1263

Proper shipping name Paint
Hazard Class 3
Packing Group III
Special Provisions A3, A72, A192
Description UN1263, Paint, 3, III

IATA
UNIID no. UN1263
Hazard Class 3
Packing Group III
ERG Code 3I
Description &UN1263, &, 3, III

IMDG
UNIID no. UN1263
Hazard Class 3
Packing Group III
EmS•No. F-E, S-E
Special Provisions 163, 223, 367 955
Description &UN1263, & (1,2,4-TRIMETHY▌BENZENE, 3,6-DIAZAOCTANETHY▌ENEDIAMIN), 3, III, (41°C C.C.), <TWRP0004>

RID
UNIID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group III
Classification code F1
Description UN1263, Paint, 3, III, Environmentally Hazardous

ADR
UNIID no. UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group III
Classification code F1
Tunnel restriction code DIE
Special Provisions 163, 640E, 650, 367
Description UN1263, Paint, 3, III, Environmentally Hazardous
Labels 3

ADN
Proper shipping name Paint
Hazard Class 3
Packing Group III
Classification code F1
Special Provisions 163, 640E, 650, 367
Description UN1263, Paint, 3, III, Environmentally Hazardous
Hazard label(s) 3
Limited quantity (LQ) 5▌
Ventilation VE01

Section 15-Regulatory Information

International Inventories **TSCA** Complies
DSLINDSL Complies
EINECSIELINCS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSLINDSL - Canadian Domestic Substances List/Non-Domestic Substances list
EINECSIELINCS - European Inventory of Existing Chemical Substances/European list of Notified Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	SARA 313 • Threshold Values %
1,2,4-trimethylbenzene 95-63-6	1.0
xylene 1330-20-7	1.0
cumene 98-82-8	1.0

SARA 311I312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

CAA (Clean Air Act)
The following component(s) are listed in the Clean Air Act.

Chemical Name	Hazardous air pollutants (HAPs) content
xylene 1330-20-7	
cumene 98-82-8	

CWA (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
xylene 1330-20-7	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 ▌iability Act (CERC▌A) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	CERCLAISARA RQ	Reportable Quantity (RQ)
xylene 1330-20-7	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ
cumene 98-82-8	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
cumene - 98-82-8	Carcinogen
ethylbenzene - 100-41-4	Carcinogen
naphthalene - 91-20-3	Carcinogen

U.S. State Right•to•Know Regulations

US State Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania

Mica 12001-26-2	X	X	X
1,2,4-trimethylbenzene 95-63-6	X	X	X
xylene 1330-20-7	X	X	X
3,6-diazaoctanethylenediamin 112-24-3	X	X	X
cumene 98-82-8	X	X	X

U.S. EPA Label Information

Section 16-Other Information

Hazardous Material Information System (HMIS)	National Fire Protection Association (NFPA)

Health	2
Flammability	2
Physical Hazard	0
Personal Protection	X

HMIS & NFPA Hazard Rating Legend
*** = Chronic Health Hazard**
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

Date Prepared: 30 September 2020 Revision Number: 1

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The information in the sheet was written based on the best knowledge and experience currently available.