

**1. Identification**

<b>Product identifier</b>	<b>PENNCOAT 401 RESIN (All Colors)</b>
<b>Other means of identification</b>	None.
<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

**Manufacturer/Importer/Supplier/Distributor information**

<b>Company Name</b>	ErgonArmor, a division of Ergon Asphalt & Emulsions, Inc.	
<b>Address</b>	2829 Lakeland Drive Jackson, MS 39232 USA	
<b>After hours telephone number</b>	1-800-222-7122	
<b>Normal work hours telephone number</b>	1-877-982-7667	
<b>Website</b>	www.ergonarmor.com	
<b>E-mail</b>	sds@ergon.com	
<b>Emergency 24-hour telephone number</b>	CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887	
<b>Information on operation hours</b>	8:00 a.m. to 5:00 p.m.	

**2. Hazard(s) identification**

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Germ cell mutagenicity	Category 2
	Carcinogenicity	Category 2
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
Specific target organ toxicity, repeated exposure	Category 2	
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>OSHA defined hazards</b>	Not classified.	

**Label elements**

**Signal word**

Danger

**Hazard statement** Flammable liquid and vapor. Causes skin irritation. May cause allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Suspected of causing genetic defects. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life. Harmful to aquatic life with long lasting effects. Hazardous polymerization can occur with elevated temperatures.

**Precautionary statement**

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands, forearms, and exposed areas thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell. Specific treatment see Section 4 of this SDS. If eye irritation persists: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use appropriate media to extinguish.

**Storage** Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)** Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion. Hazardous polymerization can occur with elevated temperatures.

**Supplemental information** None.

### 3. Composition/information on ingredients

**Mixtures**

Chemical name	Common name and synonyms	CAS number	%
QUARTZ		14808-60-7	35 - 50
DIGLYCIDYL RESORCINOL ETHER		101-90-6	24 - 31
XYLENES		1330-20-7	4 - 6
TOULENE		108-88-3	2 - 4
TITANIUM DIOXIDE		13463-67-7	<=5
IRON OXIDE		1309-37-1	<=3
DIMETHYL SILICONE POLYMER WITH SILICA, MINIMUM NUMBER AVERAGE MOLECULAR WEIGHT (IN AMU), 1,100,000		67762-90-7	<=2
ETHYLBENZENE		100-41-4	<=2
BISPHENOL A-(EPICHLORHYDRIN) EPOXY RESIN		25068-38-6	<=1
Other components below reportable levels			9

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do not use mouth-to-mouth method if victim inhaled the substance. Oxygen or artificial respiration if needed.

**Skin contact** Get medical attention if irritation develops and persists. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse. Wash off immediately with soap and plenty of water.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

<b>Ingestion</b>	If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting without advice from poison control center. Rinse mouth thoroughly.
<b>Most important symptoms/effects, acute and delayed</b>	Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Coughing. Prolonged exposure may cause chronic effects.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry chemical powder. Carbon dioxide (CO2). Alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	Flammable liquid and vapor. May form flammable or explosive vapor-air mixture. Reacts with strong oxidizers. This product is a poor conductor of electricity and can become electrostatically charged. To reduce potential for static discharge, use proper bonding and grounding procedures. If sufficient charge is accumulated, ignition of flammable mixtures can occur. During fire, gases hazardous to health may be formed. Material will float and may ignite on surface of water.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Combustible liquid.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Following product recovery, flush area with water.  Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Avoid breathing dust/fume/gas/mist/vapors/spray. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m <sup>3</sup> 100 ppm	
IRON OXIDE (CAS 1309-37-1)	PEL	10 mg/m <sup>3</sup>	Fume.
QUARTZ (CAS 14808-60-7)	PEL	0.05 mg/m <sup>3</sup>	Respirable dust.
TITANIUM DIOXIDE (CAS 13463-67-7)	PEL	15 mg/m <sup>3</sup>	Total dust.
XYLENES (CAS 1330-20-7)	PEL	435 mg/m <sup>3</sup> 100 ppm	

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
TOULENE (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
IRON OXIDE (CAS 1309-37-1)	TWA	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 50 mppcf	Respirable fraction. Total dust. Total dust.
		15 mppcf	Respirable fraction.
QUARTZ (CAS 14808-60-7)	TWA	0.1 mg/m <sup>3</sup> 2.4 mppcf	Respirable. Respirable.
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	5 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 50 mppcf 15 mppcf	Respirable fraction. Total dust. Total dust. Respirable fraction.

**US. ACGIH Threshold Limit Values Components**

Components	Type	Value	Form
ETHYLBENZENE (CAS 100-41-4)	TWA	20 ppm	
IRON OXIDE (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
TITANIUM DIOXIDE (CAS 13463-67-7)	TWA	10 mg/m3	
TOULENE (CAS 108-88-3)	TWA	20 ppm	
XYLENES (CAS 1330-20-7)	STEL	150 ppm	
	TWA	100 ppm	

**US. NIOSH: Pocket Guide to Chemical Hazards Components**

Components	Type	Value	Form
ETHYLBENZENE (CAS 100-41-4)	STEL	545 mg/m3	
		125 ppm	
	TWA	435 mg/m3	
IRON OXIDE (CAS 1309-37-1)		100 ppm	
	TWA	5 mg/m3	Dust and fume.
	TWA	0.05 mg/m3	Respirable dust.
QUARTZ (CAS 14808-60-7)	TWA	560 mg/m3	
	STEL	150 ppm	
	TWA	375 mg/m3	
TOULENE (CAS 108-88-3)		100 ppm	
	TWA	655 mg/m3	
	STEL	150 ppm	
XYLENES (CAS 1330-20-7)		435 mg/m3	
	TWA	100 ppm	
	STEL	655 mg/m3	

**Biological limit values**

**ACGIH Biological Exposure Indices Components**

Components	Value	Determinant	Specimen	Sampling Time
ETHYLBENZENE (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
TOULENE (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
XYLENES (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines**

Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

**US - California OELs: Skin designation**

TOULENE (CAS 108-88-3) Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

TOULENE (CAS 108-88-3) Skin designation applies.

<b>Appropriate engineering controls</b>	Gas detectors should be used when flammable gases/vapors are released. Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Provide eyewash station and safety shower. Ensure adequate ventilation, especially in confined areas. Explosion-proof general and local exhaust ventilation.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

<b>Appearance</b>	Viscous liquid
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Varies Pigmented. Opaque.
<b>Odor</b>	Mild solvent odor Aromatic
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	80.6 °F (27.0 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	8000 cP (77°F/25°C) 20rpm
<b>Other information</b>	
<b>Specific gravity</b>	1.50

## 10. Stability and reactivity

<b>Reactivity</b>	Reacts with strong oxidizers.
<b>Chemical stability</b>	Flammable liquid and vapor. May form flammable or explosive vapor-air mixture.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials. Avoid exposure to high temperatures or direct sunlight.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	May cause irritation to the respiratory system. Prolonged inhalation may be harmful
<b>Skin contact</b>	Causes skin irritation. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Irritation to mucous membranes. May cause an allergic skin reaction. May cause respiratory irritation. Coughing. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation

### Information on toxicological effects

**Acute toxicity** Not known.

Components	Species	Test Results
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ETHYLBENZENE (CAS 100-41-4)

#### **Acute**

##### **Dermal**

LD50 Rabbit 17800 mg/kg

##### **Oral**

LD50 Rat 3500 mg/kg

TOULENE (CAS 108-88-3)

#### **Acute**

##### **Dermal**

LD50 Rabbit 12120 mg/kg

##### **Oral**

LD50 Rat 2.6 g/kg

XYLENES (CAS 1330-20-7)

#### **Acute**

##### **Dermal**

LD50 Rabbit > 43 g/kg

##### **Inhalation**

LC50 Rat 6350 mg/l, 4 Hours

**Skin corrosion/irritation** Causes skin irritation. Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Causes serious eye damage.

### Respiratory or skin sensitization

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** May cause allergic skin disorders in sensitive individuals.

**Germ cell mutagenicity** Suspected of causing genetic defects.

**Carcinogenicity** Suspected of causing cancer.

### IARC Monographs. Overall Evaluation of Carcinogenicity

DIGLYCIDYL RESORCINOL ETHER (CAS 101-90-6) 2B Possibly carcinogenic to humans.

ETHYLBENZENE (CAS 100-41-4)

2B Possibly carcinogenic to humans.

IRON OXIDE (CAS 1309-37-1)

3 Not classifiable as to carcinogenicity to humans.

QUARTZ (CAS 14808-60-7)

1 Carcinogenic to humans.

TOULENE (CAS 108-88-3)

3 Not classifiable as to carcinogenicity to humans.

XYLENES (CAS 1330-20-7)

3 Not classifiable as to carcinogenicity to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

QUARTZ (CAS 14808-60-7)

Cancer

**US. National Toxicology Program (NTP) Report on Carcinogens**

DIGLYCIDYL RESORCINOL ETHER (CAS 101-90-6)

Reasonably Anticipated to be a Human Carcinogen.

QUARTZ (CAS 14808-60-7)

Known To Be Human Carcinogen.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

**Specific target organ toxicity - single exposure** May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** May cause irritation to the respiratory system. May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause central nervous system effects. May cause allergic skin disorders in sensitive individuals. Prolonged or repeated contact may cause drying, cracking, or irritation of the skin.

**12. Ecological information**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Product	Species	Test Results
<b>PENNCOAT 401 RESIN (All Colors)</b>		
<b>Aquatic</b>		
Crustacea	EC50	Daphnia
		85.669 mg/l, 48 hours estimated
Fish	LC50	Fish
		118.7283 mg/l, 96 hours estimated

Components	Species	Test Results
<b>ETHYLBENZENE (CAS 100-41-4)</b>		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna)
		1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)
		7.5 - 11 mg/l, 96 hours
<b>TOULENE (CAS 108-88-3)</b>		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna)
		5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon, silver salmon (Oncorhynchus kisutch)
		8.11 mg/l, 96 hours
<b>XYLENES (CAS 1330-20-7)</b>		
<b>Aquatic</b>		
Fish	LC50	Bluegill (Lepomis macrochirus)
		7.711 - 9.591 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential**

**Partition coefficient n-octanol / water (log Kow)**

ETHYLBENZENE	3.15
TOULENE	2.73
XYLENES	3.12 - 3.2

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.



## 13. Disposal considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	D001: Waste Flammable material with a flash point <140 F The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container.

## 14. Transport information

<b>DOT</b>	
<b>UN number</b>	UN1263
<b>UN proper shipping name</b>	Paint related material including paint thinning, drying, removing, or reducing compound
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	B1, B52, IB3, T2, TP1, TP29
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	173
<b>Packaging bulk</b>	242
<b>IATA</b>	
<b>UN number</b>	UN1263
<b>UN proper shipping name</b>	Paint related material (including paint thinning or reducing compounds)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	3L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.
<b>IMDG</b>	
<b>UN number</b>	UN1263
<b>UN proper shipping name</b>	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	F-E, S-E
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

DOT



IATA; IMDG



## 15. Regulatory information

### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

ETHYLBENZENE (CAS 100-41-4)	Listed.
TOULENE (CAS 108-88-3)	Listed.
XYLENES (CAS 1330-20-7)	Listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

QUARTZ (CAS 14808-60-7)	Cancer lung effects immune system effects kidney effects
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### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### SARA 302 Extremely hazardous substance

Not listed.

#### Classified hazard categories

Flammable (gases, aerosols, liquids, or solids)  
Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Respiratory or skin sensitization  
Germ cell mutagenicity  
Carcinogenicity  
Reproductive toxicity  
Specific target organ toxicity (single or repeated exposure)  
Hazard not otherwise classified (HNOC)

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
DIGLYCIDYL RESORCINOL ETHER	101-90-6	24 - 31
ETHYLBENZENE	100-41-4	<=2

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
TOULENE	108-88-3	2 - 4
XYLENES	1330-20-7	4 - 6

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

ETHYLBENZENE (CAS 100-41-4)  
 TOULENE (CAS 108-88-3)  
 XYLENES (CAS 1330-20-7)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

TOULENE (CAS 108-88-3) 6594

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

TOULENE (CAS 108-88-3) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

TOULENE (CAS 108-88-3) 594

**US state regulations****California Proposition 65**

**WARNING:** This product can expose you to chemicals including QUARTZ, which is known to the State of California to cause cancer, and TOULENE, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

DIGLYCIDYL RESORCINOL ETHER (CAS 101-90-6) Listed: July 1, 1989  
 ETHYLBENZENE (CAS 100-41-4) Listed: June 11, 2004  
 QUARTZ (CAS 14808-60-7) Listed: October 1, 1988  
 TITANIUM DIOXIDE (CAS 13463-67-7) Listed: September 2, 2011

**California Proposition 65 - CRT: Listed date/Developmental toxin**

TOULENE (CAS 108-88-3) Listed: January 1, 1991

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

DIGLYCIDYL RESORCINOL ETHER (CAS 101-90-6)  
 ETHYLBENZENE (CAS 100-41-4)  
 QUARTZ (CAS 14808-60-7)  
 TITANIUM DIOXIDE (CAS 13463-67-7)  
 TOULENE (CAS 108-88-3)  
 XYLENES (CAS 1330-20-7)

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 10-30-2015

**Revision date** 10-19-2020

**Version #** 03

**NFPA ratings** Health: 2  
Flammability: 3  
Instability: 0

**Disclaimer** 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 given is designed only as a guidance 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 materials or in any process, unless specified in the text.

**Revision information** Hazard(s) identification: Response  
Hazard(s) identification: Hazard statement  
Composition / Information on Ingredients: Disclosure Overrides  
Disposal considerations: Hazardous waste code  
GHS: Classification