



Safety Data Sheet

Issue date 06-Aug-2018

Revision date 06-Aug-2018

Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® Channel Grip Adhesive Glass Installation

Other means of identification P10633

Recommended use Adhesive

Restrictions on use No information available

Supplier

Corporate Headquarters:
Kent Automotive
8770 W. Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
(888)-937-5368

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3

Symbol



Signal word WARNING

Hazard statements H302 - Harmful if swallowed

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H317 - May cause an allergic skin reaction
H335 - May cause respiratory irritation

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.

Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P280 - Wear protective gloves/protective clothing and eye/face protection
P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing should not be allowed out of the workplace

Response

General

P321 - For Specific treatment see section 4 of this sds

Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330 - Rinse mouth

Storage

P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

Disposal

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Hazard(s) Not Otherwise Classified (HNOC)

Not available.

Physical Hazards Not Otherwise Classified (PHNOC)

Not available.

Unknown acute toxicity

Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition

Chemical name	CAS-No	Weight %
Mercaptan Terminated Polymer	NJTS 8009385952	30-40
Bisphenol A - Epichlorohydrin polymer	25068-38-6	13-30
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	1.5-5
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	17557-23-2	1-1.5
Castor oil glycidyl ether	74398-71-3	<1
Modified Silicone Dioxide	67762-90-7	<1
Modified Bisphenol Resin Mixture	68909-14-8	<1
Methanol	67-56-1	<1
Glycidoxypropyl-Trimethoxysilane	2530-83-8	<1
Ethylene glycol	107-21-1	<1
Ethanol	64-17-5	<1
Epichlorohydrin-polyglycerol polymer	26142-30-3	<1
Crystalline Silica	14808-60-7	<1
Carbon Black	1333-86-4	<1
Calcium Carbonate	1317-65-3	<1
3-(Triethoxysilyl) propylamine	919-30-2	<1
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	<1

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information

Immediately remove all soiled and contaminated clothing. Symptoms of poisoning may occur, even after several hours. Keep under medical supervision for at least 48 hours.

Inhalation

Move to fresh air. Call a physician or Poison Control Center immediately. If unconscious, place patient in side position for transportation.

Ingestion

Get medical attention immediately.

Skin contact

Immediately wash with water and soap and rinse thoroughly.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Most important symptoms (acute)

Not available.

Most important symptoms (over-exposure)

Not available.

Indication of any immediate medical attention and special treatment needed

Not available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Not available.

Specific hazards

Formation of toxic gases is possible during heating or in case of fire. In use, may form flammable/explosive vapour-air mixture.

Special protective equipment for fire-fighters Not available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders). Ensure adequate ventilation. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Ensure adequate ventilation. Open and handle receptacle with care. Prevent formation of aerosols. Keep away from sources of ignition - No smoking. Protect against electrostatic charges. Keep respiratory protective devices available.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed and sealed until ready for use. Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Mercaptan Terminated Polymer	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxy methylene)]bis-	-	-	-
Castor oil glycidyl ether	-	-	-
Modified Silicone Dioxide	-	-	-
Modified Bisphenol Resin Mixture	-	-	-
Methanol	200 ppm TWA 260 mg/m ³ TWA	250 ppm STEL 200 ppm TWA Skin	250 ppm STEL 325 mg/m ³ STEL 200 ppm TWA 260 mg/m ³ TWA
Glycidoxypentyl-Trimethoxysilane	-	-	-
Ethylene glycol	-	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	-
Ethanol	1000 ppm TWA 1900 mg/m ³ TWA	1000 ppm STEL	1000 ppm TWA 1900 mg/m ³ TWA
Epichlorohydrin-polyglycerol polymer	-	-	-
Crystalline Silica	50 µg/m ³ TWA 50 µg/m ³ TWA	0.025 mg/m ³ TWA	0.05 mg/m ³ TWA
Carbon Black	3.5 mg/m ³ TWA	3 mg/m ³ TWA	3.5 mg/m ³ TWA 0.1 mg/m ³ TWA
Calcium Carbonate	15 mg/m ³ TWA 5 mg/m ³ TWA	-	10 mg/m ³ TWA 5 mg/m ³ TWA
3-(Triethoxysilyl) propylamine	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures,
such as personal protective
equipment**

Eye protection

ANSI approved safety goggles are recommended if exposure is likely. An eye wash station should be available.

Skin and body protection

Wear chemical resistant gloves (nitrile) and paint suits . The most suitable glove must be chosen in consultation with the gloves supplier who can inform about the breakthrough time of the glove material. Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Respiratory protection

Wear a NIOSH approved organic vapor respirator. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing.

**Canadian Province Occupational
Exposure Limits**

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Mercaptan Terminated Polymer	-	-	-	-	-	-	-	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-	-	-	-	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-	-	-	-	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl- 1,3-propanediyl)bis(oxymethylene)]bis-	-	-	-	-	-	-	-	-	-	-
Castor oil glycidyl ether	-	-	-	-	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-	-	-	-	-
Modified Bisphenol Resin Mixture	-	-	-	-	-	-	-	-	-	-
Methanol	250 ppm STEL 328 mg/m ³ STEL 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA	200 ppm TWA 250 ppm STEL	250 ppm STEL 328 mg/m ³ STEL 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEV 328 mg/m ³ STEV 200 ppm TWA 262 mg/m ³ TWA	250 ppm STEL 200 ppm TWA
Glycidioxypropyl-Tri methoxysilane	-	-	-	-	-	-	-	-	-	-
Ethylene glycol	100 mg/m ³ Ceiling	100 mg/m ³ Ceiling 50 ppm Ceiling	25 ppm TWA 50 ppm STEL	100 mg/m ³ Ceiling	50 ppm STEL 10 mg/m ³ STEL	50 ppm STEL 10 mg/m ³ STEL	100 mg/m ³ Ceiling	50 ppm STEL 10 mg/m ³ STEL	50 ppm Ceiling 127 mg/m ³ Ceiling	100 mg/m ³ Ceiling

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
		20 mg/m ³ STEL 10 mg/m ³ TWA	10 mg/m ³ STEL		25 ppm TWA	25 ppm TWA		25 ppm TWA		
Ethanol	1000 ppm TWA 1880 mg/m ³ TWA	1000 ppm STEL	1000 ppm STEL	1000 ppm TWA 1880 mg/m ³ TWA	1000 ppm STEL	1000 ppm STEL	1000 ppm STEL	1000 ppm STEL	1000 ppm TWA 1880 mg/m ³ TWA	1250 ppm STEL 1000 ppm TWA
Epichlorohydrin-pol yglycerol polymer	-	-	-	-	-	-	-	-	-	-
Crystalline Silica	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.1 mg/m ³ TWA	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.10 mg/m ³ TWA	0.025 mg/m ³ TWA	0.1 mg/m ³ TWA	0.05 mg/m ³ TWA
Carbon Black	3.5 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3.5 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	3.5 mg/m ³ TWA	7 mg/m ³ STEL 3.5 mg/m ³ TWA
Calcium Carbonate	10 mg/m ³ TWA	20 mg/m ³ STEL 10 mg/m ³ TWA 3 mg/m ³ TWA	-	10 mg/m ³ TWA	-	-	-	-	10 mg/m ³ TWA	20 mg/m ³ STEL 10 mg/m ³ TWA
3-(Triethoxysilyl) propylamine	-	-	-	-	-	-	-	-	-	-
2,4,6-Tri(dimethyla minomethyl)phenol	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Odor	Characteristic
Odor threshold	Not applicable
pH	Not applicable
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C	257
Flash point °F	494.6
Flash point method used	Not available
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available

Upper explosion limit	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Relative density	128066
Solubility	Insoluble in water
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Product is not self-igniting
Autoignition temperature °F	Product is not self-igniting
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reactions under normal conditions of use.
Chemical stability	Stable.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Not available.
Incompatible materials	No further relevant information available.
Hazardous decomposition products	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Eyes.
Symptoms	Causes irritation to the mucous membranes. Irritating to eyes and skin.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Sensitization possible through skin contact.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Mercaptan Terminated Polymer	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	= 11400 mg/kg (Rat)
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis (oxymethylene)]bis-	-	-	= 4500 mg/kg (Rat)
Castor oil glycidyl ether	-	-	-
Modified Silicone Dioxide	-	-	-
Modified Bisphenol Resin Mixture	-	-	-
Methanol	= 22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h	= 15800 mg/kg (Rabbit) = 15840 mg/kg (Rabbit)	= 6200 mg/kg (Rat)
Glycidoxypropyl-Trimethoxysilane	> 5.3 mg/L (Rat) 4 h	= 3970 µL/kg (Rabbit)	= 22600 µL/kg (Rat) = 7.01 g/kg (Rat)
Ethylene glycol	-	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	= 4700 mg/kg (Rat)
Ethanol	= 124.7 mg/L (Rat) 4 h	-	= 7060 mg/kg (Rat)
Epichlorohydrin-polyglycerol polymer	-	-	-
Crystalline Silica	-	-	-
Carbon Black	-	> 3 g/kg (Rabbit)	> 15400 mg/kg (Rat)
Calcium Carbonate	-	-	-
3-(Triethoxysilyl) propylamine	-	= 4 mL/kg (Rabbit) = 4290 mg/kg (Rabbit)	= 1780 mg/kg (Rat)
2,4,6-Tri(dimethylaminomethyl)phenol	-	= 1280 mg/kg (Rat)	= 1200 mg/kg (Rat)

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Mercaptan Terminated Polymer	-	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylen e)]bis-	-	-	-	-
Castor oil glycidyl ether	-	-	-	-
Modified Silicone Dioxide	-	-	-	-
Modified Bisphenol Resin Mixture	-	-	-	-
Methanol	-	-	-	-
Glycidoxypropyl-Trimethoxysilane	-	-	-	-
Ethylene glycol	A4	-	-	-
Ethanol	A3	Group 1	Listed	Known
Epichlorohydrin-polyglycerol polymer	-	-	-	-
Crystalline Silica	A2	Group 1	Listed	Known
Carbon Black	A3	Group 2B	Listed	-
Calcium Carbonate	-	-	-	-
3-(Triethoxysilyl) propylamine	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-

**Canadian Province
carcinogenicity limits**

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Mercaptan Terminated Polymer	-	-	-	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	-	-	-	-	-	-
Castor oil glycidyl ether	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-
Modified Bisphenol Resin Mixture	-	-	-	-	-	-
Methanol	-	-	-	-	-	-
Glycidoxypropyl-Trimethoxysilane	-	-	-	-	-	-
Ethylene glycol	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Ethanol	-	-	ACGIH A3	ACGIH A4	ACGIH A3	-
Epichlorohydrin-polyglycerol polymer	-	-	-	-	-	-
Crystalline Silica	A2 - Suspected Human Carcinogen	ACGIH A2 IARC 1	ACGIH A2	-	ACGIH A2	C2 carcinogen
Carbon Black	-	IARC 2B	ACGIH A3	ACGIH A4	ACGIH A3	-
Calcium Carbonate	-	-	-	-	-	-
3-(Triethoxysilyl)propylamine	-	-	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Mercaptan Terminated Polymer	-	-
Bisphenol A - Epichlorohydrin polymer	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	-	-
Castor oil glycidyl ether	-	-
Modified Silicone Dioxide	-	-

Chemical name	Algae/aquatic plants	Fish
Modified Bisphenol Resin Mixture	-	-
Methanol	-	100: 96 h Pimephales promelas mg/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 28200: 96 h Pimephales promelas mg/L LC50 flow-through 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static
Glycidoxypropyl-Trimethoxysilane	-	-
Ethylene glycol	6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static
Ethanol	-	13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static
Epichlorohydrin-polyglycerol polymer	-	-
Crystalline Silica	-	-
Carbon Black	-	-
Calcium Carbonate	-	-
3-(Triethoxysilyl)propylamine	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-

Persistence and degradability Not applicable.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Mercaptan Terminated Polymer NJTS 8009385952	NJTS 8009385952	-
Bisphenol A - Epichlorohydrin polymer 25068-38-6	25068-38-6	-
Diglycidyl Ether Bisphenol A Epoxy Resin 25085-99-8	25085-99-8	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis- 17557-23-2	17557-23-2	-
Castor oil glycidyl ether 74398-71-3	74398-71-3	-
Modified Silicone Dioxide 67762-90-7	67762-90-7	-
Modified Bisphenol Resin Mixture 68909-14-8	68909-14-8	-
Methanol 67-56-1	67-56-1	-0.77
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-

Chemical name	CAS-No	Partition coefficient (log Kow)
2530-83-8		
Ethylene glycol 107-21-1	107-21-1	-1.93
Ethanol 64-17-5	64-17-5	-0.32
Epichlorohydrin-polyglycerol polymer 26142-30-3	26142-30-3	-
Crystalline Silica 14808-60-7	14808-60-7	-
Carbon Black 1333-86-4	1333-86-4	-
Calcium Carbonate 1317-65-3	1317-65-3	-
3-(Triethoxysilyl) propylamine 919-30-2	919-30-2	-
2,4,6-Tri(dimethylaminomethyl)phenol 90-72-2	90-72-2	-

Mobility in soil

Not available.

Other adverse effects

Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs Danger to drinking water if even extremely small quantities leak into the ground.

13. DISPOSAL CONSIDERATIONS

Disposal information

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Contaminated packaging

Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

Proper shipping name Not regulated

TDG

Proper shipping name Not regulated

IATA

Proper shipping name Not regulated

IMDG/IMO

ID-No UN3082
 Proper shipping name Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)
 Hazard Class(es) 9
 Packing group III
 EmS No F-A, S-F
 Marine pollutant Yes

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
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Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylen e)]bis-	17557-23-2	-	-	-
Castor oil glycidyl ether	74398-71-3	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
Modified Bisphenol Resin Mixture	68909-14-8	-	-	-
Methanol	67-56-1	-	-	-
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-	-
Ethylene glycol	107-21-1	-	-	-
Ethanol	64-17-5	-	-	-
Epichlorohydrin-polyglycerol polymer	26142-30-3	-	-	-
Crystalline Silica	14808-60-7	-	-	-
Carbon Black	1333-86-4	-	-	-
Calcium Carbonate	1317-65-3	-	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylen e)]bis-	17557-23-2	-	-	-
Castor oil glycidyl ether	74398-71-3	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
Modified Bisphenol Resin Mixture	68909-14-8	-	-	-
Methanol	67-56-1	X	X	X
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-	-
Ethylene glycol	107-21-1	X	X	X
Ethanol	64-17-5	X	X	X

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Epichlorohydrin-polyglycerol polymer	26142-30-3	-	-	-
Crystalline Silica	14808-60-7	X	X	X
Carbon Black	1333-86-4	X	X	X
Calcium Carbonate	1317-65-3	X	X	X
3-(Triethoxysilyl) propylamine	919-30-2	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-

California Prop. 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

Chemical name	CAS-No	California Prop. 65
Mercaptan Terminated Polymer	NJTS 8009385952	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	17557-23-2	-
Castor oil glycidyl ether	74398-71-3	-
Modified Silicone Dioxide	67762-90-7	-
Modified Bisphenol Resin Mixture	68909-14-8	-
Methanol	67-56-1	Developmental
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-
Ethylene glycol	107-21-1	Developmental
Ethanol	64-17-5	Carcinogen Developmental
Epichlorohydrin-polyglycerol polymer	26142-30-3	-
Crystalline Silica	14808-60-7	Carcinogen
Carbon Black	1333-86-4	Carcinogen
Calcium Carbonate	1317-65-3	-
3-(Triethoxysilyl) propylamine	919-30-2	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Mercaptan Terminated Polymer	NJTS 8009385952	-	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	17557-23-2	-	-
Castor oil glycidyl ether	74398-71-3	-	-
Modified Silicone Dioxide	67762-90-7	-	-
Modified Bisphenol Resin Mixture	68909-14-8	-	-
Methanol	67-56-1	5000 lb 2270 kg	1.0 %
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-
Ethylene glycol	107-21-1	5000 lb	1.0 %

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
		2270 kg	
Ethanol	64-17-5	-	-
Epichlorohydrin-polyglycerol polymer	26142-30-3	-	-
Crystalline Silica	14808-60-7	-	-
Carbon Black	1333-86-4	-	-
Calcium Carbonate	1317-65-3	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-

**US EPA SARA 311/312
hazardous categorization**

Not available

International inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Mercaptan Terminated Polymer	-	-	-
Bisphenol A - Epichlorohydrin polymer	X	X	-
Diglycidyl Ether Bisphenol A Epoxy Resin	X	X	-
Oxirane, 2,2' -[(2,2-dimethyl-1,3-propanediyl)bis (oxymethylene)]bis-	X	X	-
Castor oil glycidyl ether	X	X	-
Modified Silicone Dioxide	X	X	-
Modified Bisphenol Resin Mixture	X	X	-
Methanol	X	X	-
Glycidoxypropyl-Trimethoxysilane	X	X	-
Ethylene glycol	X	X	-
Ethanol	X	X	-
Epichlorohydrin-polyglycerol polymer	X	X	-
Crystalline Silica	X	X	-
Carbon Black	X	X	-
Calcium Carbonate	X	X	-
3-(Triethoxysilyl) propylamine	X	X	-
2,4,6-Tri(dimethylaminomethyl)phenol	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health 1
Flammability 1
Instability 0

HMIS

Health 1
Flammability 1
Physical hazards 0

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet