



Safety Data Sheet

Issue date 11-Jul-2018

Revision date 11-Jul-2018

Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® DTM High Build Seam Sealer

Other means of identification KT14999

Recommended use Sealant

Restrictions on use For industrial use only

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).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2

Symbol



Signal word DANGER

Hazard statements H319 - Causes serious eye irritation

H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H350 - May cause cancer
 H361 - Suspected of damaging fertility or the unborn child

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

P201 - Obtain special instructions before use
 P202 - Do not handle until all safety precautions have been read and understood
 P264 - Wash skin thoroughly after handling
 P272 - Contaminated work clothing should not be allowed out of the workplace
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
 P280 - Wear protective gloves/protective clothing and eye/face protection

Response

General

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

Storage

P405 - Store locked up

Disposal

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

Hazard(s) Not Otherwise Classified (HNOC)

None.

Physical Hazards Not Otherwise Classified (PHNOC)

None known.

Unknown acute toxicity

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition

Mixture.

Chemical name	CAS-No	Weight %
Bisphenol A - Epichlorohydrin polymer	25068-38-6	13-30
Modified Silicone Dioxide	67762-90-7	5-7
Modified Diglycidyl Ether	68909-14-8	1.5-5
Epichlorohydrin-polyglycerol polymer	26142-30-3	1.5-5
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	1.5-5
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	1.5-5
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	17557-23-2	1-1.5
Glycidoxypopyl-Trimethoxysilane		

	2530-83-8	01-1
Castor oil glycidyl ether	74398-71-3	.1-1
Quartz (Crystalline Silica)	14808-60-7	.1-1
Methanol	67-56-1	.1-1
Ethylene glycol	107-21-1	.1-1
Ethyl Alcohol	64-17-5	.1-1
Carbon Black	1333-86-4	.1-1
3-(Triethoxysilyl) propylamine	919-30-2	.1-1

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

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	Remove to fresh air. Call a POISON CENTER or doctor if you feel unwell. If unconscious, place patient in side position for transportation.
Ingestion	Get medical advice/attention if you feel unwell.
Skin contact	Wash off immediately with soap and plenty of water. Seek medical attention if irritation persists.
Eye contact	Flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Continue rinsing. Seek medical attention.

Most important symptoms (acute) Not available.

Most important symptoms (over-exposure) Not available.

Indication of any immediate medical attention and special treatment needed None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray. Foam.
Unsuitable extinguishing media	None known.
Specific hazards	Not available.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Evacuate area. Ventilate the area.
Methods and materials for containment and cleaning up	Cover with absorbent material. Collect as much as the spilled material as possible. Place in a container approved for transportation by appropriate authorities. Dilute with water. Clean up residue. Dispose of collected material as soon as possible. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Ensure adequate ventilation, especially in confined areas.

Conditions for safe storage, including any incompatibilities

No known incompatibilities. Store locked up. Keep tightly closed in a dry and cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Bisphenol A - Epichlorohydrin polymer	-	-	-
Modified Silicone Dioxide	-	-	-
Modified Diglycidyl Ether	-	-	-
Epichlorohydrin-polyglycerol polymer	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxy methylene)]bis-	-	-	-
Glycidoxypropyl-Trimethoxysilane	-	-	-
Castor oil glycidyl ether	-	-	-
Quartz (Crystalline Silica)	50 µg/m³ TWA 50 µg/m³ TWA	0.025 mg/m³ TWA	0.05 mg/m³ TWA
Methanol	200 ppm TWA 260 mg/m³ TWA	250 ppm STEL 200 ppm TWA Skin	250 ppm STEL 325 mg/m³ STEL 200 ppm TWA 260 mg/m³ TWA
Ethylene glycol	-	50 ppm STEL 10 mg/m³ STEL 25 ppm TWA	-
Ethyl Alcohol	1000 ppm TWA 1900 mg/m³ TWA	1000 ppm STEL	1000 ppm TWA 1900 mg/m³ TWA
Carbon Black	3.5 mg/m³ TWA	3 mg/m³ TWA	3.5 mg/m³ TWA 0.1 mg/m³ TWA
3-(Triethoxysilyl) propylamine	-	-	-

Appropriate engineering controls

A safety shower and eye wash station should be available for emergency use. Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. If ventilation is not adequate, use respiratory protection equipment.

Individual protection measures, such as personal protective equipment

Eye protection

Tightly fitting safety goggles.

Skin and body protection

Chemical-resistant, impervious gloves (Nitrile or Viton) complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use the the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Respiratory protection

Use a properly fitted, air-purifying (Organic vapor) or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the

safe working limits of the selected respirator.

Hygiene measures

Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs. Remove and wash contaminated clothing before re-use. Store protective clothing separately.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Bisphenol A - Epichlorohydrin polymer	-	-	-	-	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-	-	-	-	-
Modified Diglycidyl Ether	-	-	-	-	-	-	-	-	-	-
Epichlorohydrin-polyglycerol polymer	-	-	-	-	-	-	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-	-	-	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-	-	-	-	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxyethylene)]bis-	-	-	-	-	-	-	-	-	-	-
Glycidioxypropyl-Triethoxysilane	-	-	-	-	-	-	-	-	-	-
Castor oil glycidyl ether	-	-	-	-	-	-	-	-	-	-
Quartz (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
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
Ethylene glycol	100 mg/m ³ Ceiling	100 mg/m ³ Ceiling 50 ppm Ceiling 20 mg/m ³ STEL 10 mg/m ³ TWA	25 ppm TWA 50 ppm STEL 10 mg/m ³ STEL	100 mg/m ³ Ceiling	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	100 mg/m ³ Ceiling	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	50 ppm Ceiling 127 mg/m ³ Ceiling	100 mg/m ³ Ceiling
Ethyl Alcohol	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
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
3-(Triethoxysilyl)propylamine	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Black
Odor	Characteristic
Odor threshold	No information available
pH	No data available
Melting point/range °C	No data available
Melting point/range °F	No data available
Boiling point/range °C	>260 °C
Boiling point/range °F	>500 °F
Flash point °C	257
Flash point °F	494.6
Evaporation rate	No data available
Flammability (Solid, Gas)	Not classified
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	1.2
Solubility	completely miscible
Partition coefficient (n-octanol/water)	Not applicable
Autoignition temperature °C	Product is not self-igniting
Autoignition temperature °F	Product is not self-igniting
Decomposition temperature °C	No data available
Decomposition temperature °F	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reactions under normal conditions of use.
Chemical stability	Stable.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

Conditions to avoid	Not available.
Incompatible materials	Not available.
Hazardous decomposition products	None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Inhalation. Ingestion. Eyes.
Symptoms	May cause skin irritation. Eye irritation. Inhalation may irritate the mucous membranes of the nose, throat, bronchi and lungs. May cause sensitization by skin contact.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	None known.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Bisphenol A - Epichlorohydrin polymer	-	-	= 11400 mg/kg (Rat)
Modified Silicone Dioxide	-	-	-
Modified Diglycidyl Ether	-	-	-
Epichlorohydrin-polyglycerol polymer	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	= 1280 mg/kg (Rat)	= 1200 mg/kg (Rat)
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)]bis (oxymethylene)]bis-	-	-	= 4500 mg/kg (Rat)
Glycidoxypopyl-Trimethoxysilane	> 5.3 mg/L (Rat) 4 h	= 3970 µL/kg (Rabbit)	= 22600 µL/kg (Rat) = 7.01 g/kg (Rat)
Castor oil glycidyl ether	-	-	-
Quartz (Crystalline Silica)	-	-	-
Methanol	= 22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h	= 15800 mg/kg (Rabbit) = 15840 mg/kg (Rabbit)	= 6200 mg/kg (Rat)
Ethylene glycol	-	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	= 4700 mg/kg (Rat)
Ethyl Alcohol	= 124.7 mg/L (Rat) 4 h	-	= 7060 mg/kg (Rat)
Carbon Black	-	> 3 g/kg (Rabbit)	> 15400 mg/kg (Rat)
3-(Triethoxysilyl) propylamine	-	= 4 mL/kg (Rabbit) = 4290 mg/kg (Rabbit)	= 1780 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
Bisphenol A - Epichlorohydrin polymer	-	-	-	-
Modified Silicone Dioxide	-	-	-	-
Modified Diglycidyl Ether	-	-	-	-
Epichlorohydrin-polyglycerol polymer	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	-	-	-	-
Glycidoxypropyl-Trimethoxysilane	-	-	-	-
Castor oil glycidyl ether	-	-	-	-
Quartz (Crystalline Silica)	A2	Group 1	Listed	Known
Methanol	-	-	-	-
Ethylene glycol	A4	-	-	-
Ethyl Alcohol	A3	Group 1	Listed	Known
Carbon Black	A3	Group 2B	Listed	-
3-(Triethoxysilyl) propylamine	-	-	-	-

Canadian Province carcinogenicity limits

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Bisphenol A - Epichlorohydrin polymer	-	-
Modified Silicone Dioxide	-	-
Modified Diglycidyl Ether	-	-
Epichlorohydrin-polyglycerol polymer	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-	-	-
Glycidoxypropyl-Trimethoxysilane	-	-
Castor oil glycidyl ether	-	-
Quartz (Crystalline Silica)	-	-
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
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
Ethyl Alcohol	-	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
Carbon Black	-	-
3-(Triethoxysilyl)propylamine	-	-

Persistence and degradability No data available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Bisphenol A - Epichlorohydrin polymer 25068-38-6	25068-38-6	-
Modified Silicone Dioxide 67762-90-7	67762-90-7	-
Modified Diglycidyl Ether 68909-14-8	68909-14-8	-

Chemical name	CAS-No	Partition coefficient (log Kow)
Epichlorohydrin-polyglycerol polymer 26142-30-3	26142-30-3	-
Diglycidyl Ether Bisphenol A Epoxy Resin 25085-99-8	25085-99-8	-
2,4,6-Tri(dimethylaminomethyl)phenol 90-72-2	90-72-2	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylen e)]bis- 17557-23-2	17557-23-2	-
Glycidoxypropyl-Trimethoxysilane 2530-83-8	2530-83-8	-
Castor oil glycidyl ether 74398-71-3	74398-71-3	-
Quartz (Crystalline Silica) 14808-60-7	14808-60-7	-
Methanol 67-56-1	67-56-1	-0.77
Ethylene glycol 107-21-1	107-21-1	-1.93
Ethyl Alcohol 64-17-5	64-17-5	-0.32
Carbon Black 1333-86-4	1333-86-4	-
3-(Triethoxysilyl) propylamine 919-30-2	919-30-2	-

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations. 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

ID-No UN3082
 Proper shipping name Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)
 Hazard Class(es) 9
 Packing group III
 Marine pollutant Yes.
 Special Provisions 5L or <, Not Regulated

TDG

ID-No UN3082
 Proper shipping name Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)
 Hazard Class(es) 9
 Packing group III
 Marine pollutant Yes.
 Special Provisions 5L or <, Not Regulated

IATA

ID-No	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)
Hazard Class(es)	9
Packing group	III
Special Provisions	5L or <, 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
Special Provisions	5L or <, Not Regulated

Marine Pollutants

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

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.

15. REGULATORY INFORMATION**State regulations****U.S. state Right-to-Know regulations**

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-	-

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Modified Silicone Dioxide	67762-90-7	-	-	-
Modified Diglycidyl Ether	68909-14-8	-	-	-
Epichlorohydrin-polyglycerol polymer	26142-30-3	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylen e)]bis-	17557-23-2	-	-	-
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-	-
Castor oil glycidyl ether	74398-71-3	-	-	-
Quartz (Crystalline Silica)	14808-60-7	X	X	X
Methanol	67-56-1	X	X	X
Ethylene glycol	107-21-1	X	X	X
Ethyl Alcohol	64-17-5	X	X	X
Carbon Black	1333-86-4	X	X	X
3-(Triethoxysilyl) propylamine	919-30-2	-	-	-

California Prop. 65

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

California Proposition 65

Warning: This product contains or produces a chemical known to the State of California to cause birth defects (or other reproductive harm) and cancer

U.S. Federal Regulations**US EPA SARA 313**

See information below

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-
Modified Silicone Dioxide	67762-90-7	-	-
Modified Diglycidyl Ether	68909-14-8	-	-
Epichlorohydrin-polyglycerol polymer	26142-30-3	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis (oxymethylene)]bis-	17557-23-2	-	-
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-
Castor oil glycidyl ether	74398-71-3	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-
Methanol	67-56-1	5000 lb 2270 kg	1.0 %
Ethylene glycol	107-21-1	5000 lb 2270 kg	1.0 %
Ethyl Alcohol	64-17-5	-	-
Carbon Black	1333-86-4	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-

**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
Bisphenol A - Epichlorohydrin polymer	X	X	-
Modified Silicone Dioxide	X	X	-
Modified Diglycidyl Ether	X	X	-
Epichlorohydrin-polyglycerol polymer	X	X	-
Diglycidyl Ether Bisphenol A Epoxy Resin	X	X	-
2,4,6-Tri(dimethylaminomethyl)phenol	X	X	-
Oxirane, 2,2'-[(2,2-dimethyl-1,3-propanediyl)bis (oxymethylene)]bis-	X	X	-
Glycidoxypropyl-Trimethoxysilane	X	X	-
Castor oil glycidyl ether	X	X	-
Quartz (Crystalline Silica)	X	X	-
Methanol	X	X	-
Ethylene glycol	X	X	-
Ethyl Alcohol	X	X	-
Carbon Black	X	X	-
3-(Triethoxysilyl) propylamine	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	1
Instability	0

HMIS

Health	2 *
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).

Prepared by Regulatory Affairs

Issue date 11-Jul-2018

Revision date 11-Jul-2018

Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (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