



Safety Data Sheet

Issue date 10-Jul-2018

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Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier Kent® Door Skin Sealer Adhesive

Other means of identification P10581

Recommended use Sealant, Adhesive

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)

Website <https://www.lawsonproducts.com>

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 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3

Symbol



Signal word DANGER

Hazard statements

H318 - Causes serious eye damage
 H335 - May cause respiratory irritation
 H302 - Harmful if swallowed
 H317 - May cause an allergic skin reaction
 H315 - Causes skin irritation

Precautionary statements**Prevention**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
 P280 - Wear protective gloves/protective clothing and eye/face protection

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
 P310 - Immediately call a POISON CENTER or doctor/physician

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
 P332 + P313 - If skin irritation occurs: Get medical advice/attention

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
 P308 + P313 - IF exposed or concerned: Get medical advice/attention

Ingestion

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
 P312 - Call a POISON CENTER or doctor if you feel unwell

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)

Not applicable.

Physical Hazards Not Otherwise Classified (PHNOC)

Not applicable.

Unknown acute toxicity

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS**Composition**

Chemical name	CAS-No	Weight %
Bisphenol A - Epichlorohydrin polymer	25068-38-6	30-40
Amine	PROPRIETARY	13-30
Benzyl alcohol	100-51-6	13-30
Mercaptan Terminated Polymer	NJTS 8009385952	10-13
Bisphenol F Epoxy Resin	28064-14-4	10-13
Modified Silicone Dioxide	67762-90-7	5-7

Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	1.5-5
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	1.5-5
Tetraethylenepentamine	112-57-2	1-1.5
Castor oil glycidyl ether	74398-71-3	<1
Titanium dioxide	13463-67-7	<1
Quartz (Crystalline Silica)	14808-60-7	<1
Methanol	67-56-1	<1
Glycidoxypopyl-Trimethoxysilane	2530-83-8	<1
Ethylene glycol	107-21-1	<1
Ethanol	64-17-5	<1
Carbon Black	1333-86-4	<1
Calcium Carbonate	1317-65-3	<1
3-(Triethoxysilyl) propylamine	919-30-2	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	Remove to fresh air. If unconscious, place patient in side position for transportation. Call a physician or Poison Control Center immediately.
Ingestion	If symptoms persist, call a physician.
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. Call a physician.

Most important symptoms (acute) Causes serious eye damage. Causes skin irritation. May cause respiratory irritation. May cause allergic skin reaction. Harmful if swallowed.

Most important symptoms (over-exposure) No known significant effects or critical hazards.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	None known.
Specific hazards	In use, may form flammable/explosive vapour-air mixture.
Special protective equipment for fire-fighters	No special measures are required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation.
Methods and materials	Absorb or cover with dry earth, sand or other non-combustible material and transfer to

for containment and cleaning up

containers. Dispose of absorbent in accordance with local, state and federal regulations. Ensure adequate ventilation.

7. HANDLING AND STORAGE

Precautions for safe handling

No special handling procedures needed. Ensure good ventilation or exhaustion at the workplace. Prevent formation of aerosols.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Bisphenol A - Epichlorohydrin polymer	-	-	-
Amine	-	-	-
Benzyl alcohol	-	-	-
Mercaptan Terminated Polymer	-	-	-
Bisphenol F Epoxy Resin	-	-	-
Modified Silicone Dioxide	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-
Tetraethylenepentamine	-	-	-
Castor oil glycidyl ether	-	-	-
Titanium dioxide	15 mg/m ³ TWA	10 mg/m ³ TWA	2.4 mg/m ³ TWA 0.3 mg/m ³ TWA
Quartz (Crystalline Silica)	50 µg/m ³ TWA 50 µg/m ³ TWA	0.025 mg/m ³ TWA	0.05 mg/m ³ TWA
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
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	-	-	-

Appropriate engineering controls

Ensure adequate ventilation.

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

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	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Bisphenol A - Epichlorohydrin polymer	-	-	-	-	-	-	-	-	-	-
Amine	-	-	-	-	-	-	-	-	-	-
Benzyl alcohol	-	-	-	-	-	-	-	-	-	-
Mercaptan Terminated Polymer	-	-	-	-	-	-	-	-	-	-
Bisphenol F Epoxy Resin	-	-	-	-	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-	-	-	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-	-	-	-	-	-	-
Tetraethylenepentamine	-	-	-	-	-	-	-	-	-	-
Castor oil glycidyl ether	-	-	-	-	-	-	-	-	-	-
Titanium dioxide	10 mg/m ³ TWA	10 mg/m ³ TWA 3 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA EV	20 mg/m ³ STEL 10 mg/m ³ TWA
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 EV	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 STEL 328 mg/m ³ STEL 200 ppm TWA EV 262 mg/m ³ TWA EV	250 ppm STEL 200 ppm TWA
Glycidoxypentyl-Tri methoxysilane	-	-	-	-	-	-	-	-	-	-
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
Ethanol	1000 ppm TWA 1880 mg/m ³	1000 ppm STEL	1000 ppm STEL	1000 ppm TWA 1880 mg/m ³	1000 ppm STEL	1000 ppm STEL	1000 ppm STEL	1000 ppm STEL	1000 ppm TWA EV 1880 mg/m ³	1250 ppm STEL 1000 ppm

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
	TWA			TWA					TWAEV	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 TWAEV	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 TWAEV	20 mg/m ³ STEL 10 mg/m ³ TWA
3-(Triethoxysilyl)propylamine	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear
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	205 °C
Boiling point/range °F	401 °F
Flash point °C	257
Flash point °F	494
Flash point method used	Not available
Evaporation rate	No data available
Flammability (Solid, Gas)	No data available
Lower explosion limit	1.3 %
Upper explosion limit	13.0 %
Vapor pressure	0.1 hPa
Vapor density	No data available
Relative density	1.13165
Solubility	Miscible

Partition coefficient (n-octanol/water)	No data available
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	Not available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	None known.
Incompatible materials	No further relevant information available.
Hazardous decomposition products	None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Eyes. Inhalation. Ingestion.
Symptoms	Causes irritation to the mucous membranes. Causes eye and skin irritation. Causes severe eye damage.
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:
Bisphenol A - Epichlorohydrin polymer	-	-	= 11400 mg/kg (Rat)
Amine	-	-	-
Benzyl alcohol	= 8.8 mg/L (Rat) 4 h	= 2 g/kg (Rabbit)	= 1230 mg/kg (Rat)
Mercaptan Terminated Polymer	-	-	-
Bisphenol F Epoxy Resin	-	-	-
Modified Silicone Dioxide	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	= 1280 mg/kg (Rat)	= 1200 mg/kg (Rat)
Tetraethylenepentamine	-	= 660 µL/kg (Rabbit)	= 3990 mg/kg (Rat)
Castor oil glycidyl ether	-	-	-
Titanium dioxide	-	-	> 10000 mg/kg (Rat)
Quartz (Crystalline Silica)	-	-	-
Methanol	= 22500 ppm (Rat) 8 h =	= 15800 mg/kg (Rabbit) =	= 6200 mg/kg (Rat)

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
	64000 ppm (Rat) 4 h	15840 mg/kg (Rabbit)	
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)
Carbon Black	-	> 3 g/kg (Rabbit)	> 15400 mg/kg (Rat)
Calcium Carbonate	-	-	-
3-(Triethoxysilyl) propylamine	> 7.35 mg/L (Rat) 4 h	= 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	-	-	-	-
Amine	-	-	-	-
Benzyl alcohol	-	-	-	-
Mercaptan Terminated Polymer	-	-	-	-
Bisphenol F Epoxy Resin	-	-	-	-
Modified Silicone Dioxide	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-
Tetraethylenepentamine	-	-	-	-
Castor oil glycidyl ether	-	-	-	-
Titanium dioxide	A4	Group 2B	Listed	-
Quartz (Crystalline Silica)	A2	Group 1	Listed	Known Carcinogen
Methanol	-	-	-	-
Glycidoxypropyl-Trimethoxysilane	-	-	-	-
Ethylene glycol	A4	-	-	-
Ethanol	A3	Group 1	Listed	Known Carcinogen
Carbon Black	A3	Group 2B	Listed	-
Calcium Carbonate	-	-	-	-
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	-	-	-	-	-	-
Amine	-	-	-	-	-	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Benzyl alcohol	-	-	-	-	-	-
Mercaptan Terminated Polymer	-	-	-	-	-	-
Bisphenol F Epoxy Resin	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-	-	-	-	-
2,4,6-Tri(dimethylamino methyl)phenol	-	-	-	-	-	-
Tetraethylenepentamine	-	-	-	-	-	-
Castor oil glycidyl ether	-	-	-	-	-	-
Titanium dioxide	-	IARC 2B	ACGIH A4	ACGIH A4	ACGIH A4	-
Quartz (Crystalline Silica)	A2 - Suspected Human Carcinogen	ACGIH A2 IARC 1	ACGIH A2	-	ACGIH A2	C2 carcinogen
Methanol	-	-	-	-	-	-
Glycidoxypropyl-Trimethoxysilane	-	-	-	-	-	-
Ethylene glycol	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Ethanol	-	-	ACGIH A3	ACGIH A4	ACGIH A3	-
Carbon Black	-	IARC 2B	ACGIH A3	ACGIH A4	ACGIH A3	-
Calcium Carbonate	-	-	-	-	-	-
3-(Triethoxysilyl) propylamine	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Bisphenol A - Epichlorohydrin polymer Amine	-	-
Benzyl alcohol	35: 3 h <i>Anabaena variabilis</i> mg/L EC50	460: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static
Mercaptan Terminated Polymer	-	-
Bisphenol F Epoxy Resin	-	-
Modified Silicone Dioxide	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-
Tetraethylenepentamine	2.1: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	420: 96 h <i>Poecilia reticulata</i> mg/L LC50 static
Castor oil glycidyl ether	-	-
Titanium dioxide	-	-
Quartz (Crystalline Silica)	-	-
Methanol	-	28200: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 100: 96 h <i>Pimephales promelas</i> mg/L LC50 static 19500 - 20700: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 18 - 20: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 13500 -

Chemical name	Algae/aquatic plants	Fish
		17600: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through
Glycidoxypropyl-Trimethoxysilane	-	-
Ethylene glycol	6500 - 13000: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	41000: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 14 - 18: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 40761: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 40000 - 60000: 96 h <i>Pimephales promelas</i> mg/L LC50 static 27540: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 16000: 96 h <i>Poecilia reticulata</i> mg/L LC50 static
Ethanol	-	12.0 - 16.0: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 100: 96 h <i>Pimephales promelas</i> mg/L LC50 static 13400 - 15100: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through
Carbon Black	-	-
Calcium Carbonate	-	-
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	-
Amine PROPRIETARY	PROPRIETARY	-
Benzyl alcohol 100-51-6	100-51-6	1.1
Mercaptan Terminated Polymer NJTS 8009385952	NJTS 8009385952	-
Bisphenol F Epoxy Resin 28064-14-4	28064-14-4	-
Modified Silicone Dioxide 67762-90-7	67762-90-7	-
Diglycidyl Ether Bisphenol A Epoxy Resin 25085-99-8	25085-99-8	-
2,4,6-Tri(dimethylaminomethyl)phenol 90-72-2	90-72-2	-
Tetraethylenepentamine 112-57-2	112-57-2	<1
Castor oil glycidyl ether 74398-71-3	74398-71-3	-
Titanium dioxide 13463-67-7	13463-67-7	-
Quartz (Crystalline Silica) 14808-60-7	14808-60-7	-
Methanol 67-56-1	67-56-1	-0.77
Glycidoxypropyl-Trimethoxysilane 2530-83-8	2530-83-8	-
Ethylene glycol 107-21-1	107-21-1	-1.93
Ethanol 64-17-5	64-17-5	-0.32

Chemical name	CAS-No	Partition coefficient (log Kow)
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	-

Mobility in soil Not available.

Other adverse effects No known significant effects or critical hazards. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs

13. DISPOSAL CONSIDERATIONS

Disposal information Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations.

Contaminated packaging Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT
ID-No Not Regulated

TDG
ID-No Not Regulated

IATA
ID-No Not Regulated

IMDG/IMO
ID-No 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	-	-	-
Amine	PROPRIETARY	-	-	-
Benzyl alcohol	100-51-6	-	-	-
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Bisphenol F Epoxy Resin	28064-14-4	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-
Tetraethylenepentamine	112-57-2	-	-	-
Castor oil glycidyl ether	74398-71-3	-	-	-
Titanium dioxide	13463-67-7	-	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-	-
Methanol	67-56-1	-	-	-
Glycidioxypropyl-Trimethoxysilane	2530-83-8	-	-	-
Ethylene glycol	107-21-1	-	-	-
Ethanol	64-17-5	-	-	-

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Carbon Black	1333-86-4	-	-	-
Calcium Carbonate	1317-65-3	-	-	-
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	-	-	-
Amine	PROPRIETARY	-	-	-
Benzyl alcohol	100-51-6	X	-	X
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Bisphenol F Epoxy Resin	28064-14-4	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-
Tetraethylenepentamine	112-57-2	X	X	X
Castor oil glycidyl ether	74398-71-3	-	-	-
Titanium dioxide	13463-67-7	X	X	X
Quartz (Crystalline Silica)	14808-60-7	X	X	X
Methanol	67-56-1	X	X	X
Glycidoxypentyl-Trimethoxysilane	2530-83-8	-	-	-
Ethylene glycol	107-21-1	X	X	X
Ethanol	64-17-5	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	-	-	-

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
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-
Amine	PROPRIETARY	-
Benzyl alcohol	100-51-6	-
Mercaptan Terminated Polymer	NJTS 8009385952	-
Bisphenol F Epoxy Resin	28064-14-4	-
Modified Silicone Dioxide	67762-90-7	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-

Chemical name	CAS-No	California Prop. 65
Tetraethylenepentamine	112-57-2	-
Castor oil glycidyl ether	74398-71-3	-
Titanium dioxide	13463-67-7	Carcinogen
Quartz (Crystalline Silica)	14808-60-7	Carcinogen
Methanol	67-56-1	Developmental
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-
Ethylene glycol	107-21-1	Developmental
Ethanol	64-17-5	Carcinogen Developmental
Carbon Black	1333-86-4	Carcinogen
Calcium Carbonate	1317-65-3	-
3-(Triethoxysilyl) propylamine	919-30-2	-

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-
Amine	PROPRIETARY	-	-
Benzyl alcohol	100-51-6	-	-
Mercaptan Terminated Polymer	NJTS 8009385952	-	-
Bisphenol F Epoxy Resin	28064-14-4	-	-
Modified Silicone Dioxide	67762-90-7	-	-
Diglycidyl Ether Bisphenol A Epoxy Resin	25085-99-8	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-
Tetraethylenepentamine	112-57-2	-	-
Castor oil glycidyl ether	74398-71-3	-	-
Titanium dioxide	13463-67-7	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-
Methanol	67-56-1	5000 lb 2270 kg	1.0 %
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-
Ethylene glycol	107-21-1	5000 lb 2270 kg	1.0 %
Ethanol	64-17-5	-	-
Carbon Black	1333-86-4	-	-
Calcium Carbonate	1317-65-3	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-

US EPA SARA 311/312 hazardous categorization

Not available

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	-
Amine	-	-	-
Benzyl alcohol	X	X	-
Mercaptan Terminated Polymer	-	-	-

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 F Epoxy Resin	X	X	-
Modified Silicone Dioxide	X	X	-
Diglycidyl Ether Bisphenol A Epoxy Resin	X	X	-
2,4,6-Tri(dimethylaminomethyl)phenol	X	X	-
Tetraethylenepentamine	X	X	-
Castor oil glycidyl ether	X	X	-
Titanium dioxide	X	X	-
Quartz (Crystalline Silica)	X	X	-
Methanol	X	X	-
Glycidoxypropyl-Trimethoxysilane	X	X	-
Ethylene glycol	X	X	-
Ethanol	X	X	-
Carbon Black	X	X	-
Calcium Carbonate	X	X	-
3-(Triethoxysilyl) propylamine	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/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