



Safety Data Sheet

Issue date 10-Jul-2018

Revision date 10-Jul-2018

Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® Plastic Quick Fix Plastic Repair

Other means of identification KT13139

Recommended use 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)

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
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 2

Symbol



Signal word

WARNING

Hazard statements

H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H335 - May cause respiratory irritation
 H302 - Harmful if swallowed
 H317 - May cause an allergic skin reaction
 H371 - May cause damage to organs

Precautionary statements**Prevention**

P280 - Wear protective gloves/protective clothing and eye/face protection
 P272 - Contaminated work clothing should not be allowed out of the workplace
 P264 - Wash skin thoroughly after handling
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray
 P270 - Do not eat, drink or smoke when using this product

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
 P363 - Wash contaminated clothing before reuse

Inhalation

P308 + P313 - IF exposed or concerned: Get medical advice/attention
 P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Ingestion

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

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 %
Mercaptan Terminated Polymer	NJTS 8009385952	13-30
Epoxy Resin Mixture	N/A	13-30
Bisphenol A - Epichlorohydrin polymer	25068-38-6	13-30
Modified Silicone Dioxide	67762-90-7	1.5-5
Mercapan resin		

	88375-39-7	1.5-5
Elastomer Modified Diglycidal Ether	163440-98-0	1.5-5
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	1.5-5
Cyclohexanedimethanol Diglycidyl Ether	14228-73-0	1-1.5
Bis(Dimethylaminoethyl) Ether	3033-62-3	1-1.5
Methanol	67-56-1	<1
Carbon Black	1333-86-4	<1
Quartz (Crystalline Silica)	14808-60-7	<1
Glycidoxypopyl-Trimethoxysilane	2530-83-8	<1
Ethylene glycol	107-21-1	<1
Ethanol	64-17-5	<1
Calcium Carbonate	1317-65-3	<1
3-(Triethoxysilyl) propylamine	919-30-2	<1
1,8-diazabicyclo[5.4.0]undec-7-ene	6674-22-2	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information

Symptoms of poisoning may occur, even after several hours. Keep under medical supervision for at least 48 hours.

Inhalation

Remove to fresh air. If unconscious, place patient in side position for transportation. Seek medical attention.

Ingestion

Call a physician or Poison Control Center 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)

Severe eye irritation. Skin irritation. May cause respiratory irritation. May cause allergic skin reaction.

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

Carbon dioxide (CO₂). Extinguishing powder. Water spray. Fight larger fires with water spray or alcohol resistant foam.

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,

Do not allow product to reach sewage system, soil, surface or ground water, or any water

protective equipment and emergency procedures

course. Notify proper authorities if entry occurs.

Methods and materials for containment and cleaning up

Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Clean up residue with soap and water. 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.

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
Mercaptan Terminated Polymer	-	-	-
Epoxy Resin Mixture	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-
Modified Silicone Dioxide	-	-	-
Mercapan resin	-	-	-
Elastomer Modified Diglycidyl Ether	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-
Cyclohexanedimethanol Diglycidyl Ether	-	-	-
Bis(Dimethylaminoethyl) Ether	-	0.15 ppm STEL 0.05 ppm TWA Skin	-
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
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
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
Glycidoxypropyl-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
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	-	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	-	-	-

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

None necessary under normal conditions.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Remove and wash contaminated clothing before re-use. 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	-	-	-	-	-	-	-	-	-	-
Epoxy Resin Mixture	-	-	-	-	-	-	-	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-	-	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-	-	-	-	-
Mercapan resin	-	-	-	-	-	-	-	-	-	-
Elastomer Modified Diglycidyl Ether	-	-	-	-	-	-	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-	-	-	-	-	-	-
Cyclohexanedimethanol Diglycidyl Ether	-	-	-	-	-	-	-	-	-	-
Bis(Dimethylaminoethyl) Ether	0.98 mg/m ³ STEL 0.9 mg/m ³ STEL 0.15 ppm STEL 0.05 ppm TWA 0.5 ppm TWA 0.3 mg/m ³ TWA	0.15 ppm STEL 0.05 ppm TWA	0.05 ppm TWA 0.15 ppm STEL	-	0.15 ppm STEL 0.05 ppm TWA	0.15 ppm STEL 0.05 ppm TWA	0.15 ppm STEL 0.05 ppm TWA	0.15 ppm STEL 0.05 ppm TWA	-	0.15 ppm STEL 0.05 ppm 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 262 mg/m ³ TWA	250 ppm STEL 200 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
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
Glycidoxypoly-Tri methoxysilane	-	-	-	-	-	-	-	-	-	-
Ethylene glycol	100 mg/m ³	100 mg/m ³	25 ppm	100 mg/m ³	50 ppm	50 ppm	100 mg/m ³	50 ppm	50 ppm	100 mg/m ³

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
	Ceiling	Ceiling 50 ppm Ceiling 20 mg/m ³ STEL 10 mg/m ³ TWA	TWA 50 ppm STEL 10 mg/m ³ STEL	Ceiling	STEL 10 mg/m ³ STEL 25 ppm TWA	STEL 10 mg/m ³ STEL 25 ppm TWA	Ceiling	STEL 10 mg/m ³ STEL 25 ppm TWA	Ceiling 127 mg/m ³ Ceiling	Ceiling
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
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	-	-	-	-	-	-	-	-	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	-	-	-	-	-	-	-	-	-	-

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	115 °C
Boiling point/range °F	239 °F
Flash point °C	94
Flash point °F	201
Flash point method used	Not available
Evaporation rate	No data available
Flammability (Solid, Gas)	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	No data available

Vapor density	No data available
Relative density	1.2317
Solubility	Immiscible
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. Harmful if swallowed.
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	-	-	-
Epoxy Resin Mixture	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	= 11400 mg/kg (Rat)
Modified Silicone Dioxide	-	-	-
Mercapan resin	-	-	-
Elastomer Modified Diglycidyl Ether	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	= 1280 mg/kg (Rat)	= 1200 mg/kg (Rat)
Cyclohexanedimethanol Diglycidyl	-	-	-

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Ether			
Bis(Dimethylaminoethyl) Ether	= 117 ppm (Rat) 6 h	= 238 mg/kg (Rabbit) = 280 µL/kg (Rabbit)	= 1045 mg/kg (Rat) = 910 mg/kg (Rat)
Methanol	= 22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h	= 15800 mg/kg (Rabbit) = 15840 mg/kg (Rabbit)	= 6200 mg/kg (Rat)
Carbon Black	-	> 3 g/kg (Rabbit)	> 15400 mg/kg (Rat)
Quartz (Crystalline Silica)	-	-	-
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)
Calcium Carbonate	-	-	-
3-(Triethoxysilyl) propylamine	-	= 4 mL/kg (Rabbit) = 4290 mg/kg (Rabbit)	= 1780 mg/kg (Rat)
1,8-diazabicyclo[5.4.0]undec-7-ene	-	-	300 - 2000 mg/kg (Rat) Oral LD50 Rat 300 - 2000 mg/kg (miscible in corn oil; females; no deaths occurred at 300 mg/kg; death occurred (3 out of 3 tested female animals at 2000 mg/kg), Source: JP_J-CHECK)

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	-	-	-	-
Epoxy Resin Mixture	-	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-	-
Modified Silicone Dioxide	-	-	-	-
Mercapan resin	-	-	-	-
Elastomer Modified Diglycidyl Ether	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-
Cyclohexanedimethanol Diglycidyl Ether	-	-	-	-
Bis(Dimethylaminoethyl) Ether	-	-	-	-
Methanol	-	-	-	-
Carbon Black	A3	Group 2B	Listed	-
Quartz (Crystalline Silica)	A2	Group 1	Listed	Known
Glycidoxypropyl-Trimethoxysilane	-	-	-	-
Ethylene glycol	A4	-	-	-
Ethanol	A3	Group 1	Listed	Known
Calcium Carbonate	-	-	-	-
3-(Triethoxysilyl) propylamine	-	-	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	-	-	-	-

**Canadian Province
carcinogenicity limits**

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Mercaptan Terminated Polymer	-	-	-	-	-	-
Epoxy Resin Mixture	-	-	-	-	-	-
Bisphenol A - Epichlorohydrin polymer	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-
Mercapan resin	-	-	-	-	-	-
Elastomer Modified Diglycidal Ether	-	-	-	-	-	-
2,4,6-Tri(dimethylamino methyl)phenol	-	-	-	-	-	-
Cyclohexanedimethanol Diglycidyl Ether	-	-	-	-	-	-
Bis(Dimethylaminoethyl) Ether	-	-	-	-	-	-
Methanol	-	-	-	-	-	-
Carbon Black	-	IARC 2B	ACGIH A3	ACGIH A4	ACGIH A3	-
Quartz (Crystalline Silica)	A2 - Suspected Human Carcinogen	ACGIH A2 IARC 1	ACGIH A2	-	ACGIH A2	C2 carcinogen
Glycidoxypyrrol-Trimethoxysilane	-	-	-	-	-	-
Ethylene glycol	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Ethanol	-	-	ACGIH A3	ACGIH A4	ACGIH A3	-
Calcium Carbonate	-	-	-	-	-	-
3-(Triethoxysilyl) propylamine	-	-	-	-	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION
Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Mercaptan Terminated Polymer	-	-
Epoxy Resin Mixture	-	-
Bisphenol A - Epichlorohydrin polymer	-	-
Modified Silicone Dioxide	-	-
Mercapan resin	-	-
Elastomer Modified Diglycidal Ether	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-
Cyclohexanedimethanol Diglycidyl Ether	-	-
Bis(Dimethylaminoethyl)	-	-

Chemical name	Algae/aquatic plants	Fish
Ether		
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
Carbon Black	-	-
Quartz (Crystalline Silica)	-	-
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
Calcium Carbonate	-	-
3-(Triethoxysilyl)propylamine	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	-	-

Persistence and degradability No data available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Mercaptan Terminated Polymer NJTS 8009385952	NJTS 8009385952	-
Epoxy Resin Mixture N/A	N/A	-
Bisphenol A - Epichlorohydrin polymer 25068-38-6	25068-38-6	-
Modified Silicone Dioxide 67762-90-7	67762-90-7	-
Mercapan resin 88375-39-7	88375-39-7	-
Elastomer Modified Diglycidyl Ether 163440-98-0	163440-98-0	-
2,4,6-Tri(dimethylaminomethyl)phenol 90-72-2	90-72-2	-
Cyclohexanedimethanol Diglycidyl Ether 14228-73-0	14228-73-0	-
Bis(Dimethylaminoethyl) Ether 3033-62-3	3033-62-3	-
Methanol 67-56-1	67-56-1	-0.77
Carbon Black 1333-86-4	1333-86-4	-
Quartz (Crystalline Silica)	14808-60-7	-

Chemical name	CAS-No	Partition coefficient (log Kow)
14808-60-7		
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
Calcium Carbonate 1317-65-3	1317-65-3	-
3-(Triethoxysilyl) propylamine 919-30-2	919-30-2	-
1,8-diazabicyclo[5.4.0]undec-7-ene 6674-22-2	6674-22-2	-

Mobility in soil Not available.

Other adverse effects Hazardous for water, do not empty into drains. 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. 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	UN3265
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (3-aminopropyltriethoxysilane)
Hazard Class(es)	8
Packing group	III
Marine pollutant	No.
Special Provisions	LTD QTY

TDG

ID-No	UN3265
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (3-aminopropyltriethoxysilane)
Hazard Class(es)	8
Packing group	III
Marine pollutant	No.
Special Provisions	LTD QTY

IATA

ID-No	UN3265
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (3-aminopropyltriethoxysilane)
Hazard Class(es)	8
Packing group	III
Special Provisions	LTD QTY

IMDG/IMO

ID-No	UN3265
Proper shipping name	Corrosive liquid, acidic, organic, n.o.s. (3-aminopropyltriethoxysilane)

Hazard Class(es)	8
Packing group	III
EmS No	F-A, S-B
Marine pollutant	No
Special Provisions	LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Epoxy Resin Mixture	N/A	-	-	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
Mercapan resin	88375-39-7	-	-	-
Elastomer Modified Diglycidyl Ether	163440-98-0	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-
Cyclohexanedimethanol Diglycidyl Ether	14228-73-0	-	-	-
Bis(Dimethylaminoethyl) Ether	3033-62-3	-	-	-
Methanol	67-56-1	-	-	-
Carbon Black	1333-86-4	-	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-	-
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-	-
Ethylene glycol	107-21-1	-	-	-
Ethanol	64-17-5	-	-	-
Calcium Carbonate	1317-65-3	-	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	6674-22-2	-	-	-

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
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Epoxy Resin Mixture	N/A	-	-	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
Mercapan resin	88375-39-7	-	-	-
Elastomer Modified Diglycidyl Ether	163440-98-0	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-
Cyclohexanedimethanol Diglycidyl Ether	14228-73-0	-	-	-
Bis(Dimethylaminoethyl) Ether	3033-62-3	-	X	-
Methanol	67-56-1	X	X	X

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Carbon Black	1333-86-4	X	X	X
Quartz (Crystalline Silica)	14808-60-7	X	X	X
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-	-
Ethylene glycol	107-21-1	X	X	X
Ethanol	64-17-5	X	X	X
Calcium Carbonate	1317-65-3	X	X	X
3-(Triethoxysilyl) propylamine	919-30-2	-	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	6674-22-2	-	-	-

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	-
Epoxy Resin Mixture	N/A	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-
Modified Silicone Dioxide	67762-90-7	-
Mercapan resin	88375-39-7	-
Elastomer Modified Diglycidyl Ether	163440-98-0	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-
Cyclohexanedimethanol Diglycidyl Ether	14228-73-0	-
Bis(Dimethylaminoethyl) Ether	3033-62-3	-
Methanol	67-56-1	Developmental
Carbon Black	1333-86-4	Carcinogen
Quartz (Crystalline Silica)	14808-60-7	Carcinogen
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-
Ethylene glycol	107-21-1	Developmental
Ethanol	64-17-5	Carcinogen Developmental
Calcium Carbonate	1317-65-3	-
3-(Triethoxysilyl) propylamine	919-30-2	-
1,8-diazabicyclo[5.4.0]undec-7-ene	6674-22-2	-

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	-	-
Epoxy Resin Mixture	N/A	-	-
Bisphenol A - Epichlorohydrin polymer	25068-38-6	-	-
Modified Silicone Dioxide	67762-90-7	-	-
Mercapan resin	88375-39-7	-	-
Elastomer Modified Diglycidyl Ether	163440-98-0	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-
Cyclohexanedimethanol Diglycidyl Ether	14228-73-0	-	-
Bis(Dimethylaminoethyl) Ether	3033-62-3	-	-
Methanol	67-56-1	5000 lb 2270 kg	1.0 %
Carbon Black	1333-86-4	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Glycidoxypropyl-Trimethoxysilane	2530-83-8	-	-
Ethylene glycol	107-21-1	5000 lb 2270 kg	1.0 %
Ethanol	64-17-5	-	-
Calcium Carbonate	1317-65-3	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-
1,8-diazabicyclo[5.4.0]undec-7-ene	6674-22-2	-	-

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

Acute Health Hazard
Chronic Health Hazard

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	-	-	-
Epoxy Resin Mixture	-	-	-
Bisphenol A - Epichlorohydrin polymer	X	X	-
Modified Silicone Dioxide	X	X	-
Mercaptan resin	X	X	-
Elastomer Modified Diglycidyl Ether	X	X	-
2,4,6-Tri(dimethylaminomethyl)phenol	X	X	-
Cyclohexanedimethanol Diglycidyl Ether	X	X	-
Bis(Dimethylaminoethyl) Ether	X	X	-
Methanol	X	X	-
Carbon Black	X	X	-
Quartz (Crystalline Silica)	X	X	-
Glycidoxypropyl-Trimethoxysilane	X	X	-
Ethylene glycol	X	X	-
Ethanol	X	X	-
Calcium Carbonate	X	X	-
3-(Triethoxysilyl) propylamine	X	X	-
1,8-diazabicyclo[5.4.0]undec-7-ene	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 10-Jul-2018

Revision date 10-Jul-2018

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