



Safety Data Sheet

Issue date 10-Jul-2018

Revision date 11-Apr-2019

Revision Number 3

1. IDENTIFICATION

Product identification

Product identifier Kent® Chem-Weld I Plastic Repair

Other means of identification P10531

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)

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).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 2

Symbol



Signal word DANGER

Hazard statements

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H317 - May cause an allergic skin reaction
H360 - May damage fertility or the unborn child
H371 - May cause damage to organs

Precautionary statements**Prevention**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P280 - Wear protective gloves/protective clothing and eye/face protection
P264 - Wash skin thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood

Response**General**

P321 - For Specific treatment see section 4 of this sds
P308 + P313 - IF exposed or concerned: Get medical advice/attention

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
P312 - Call a POISON CENTER or doctor if you feel unwell

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 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 %
Calcium Carbonate	1317-65-3	40-60
Mercaptan Terminated Polymer	NJTS 8009385952	40-60
Dibutyl phthalate	84-74-2	1-1.5

Triethylenediamine	280-57-9	<1
Quartz (Crystalline Silica)	14808-60-7	<1
Modified Silicone Dioxide	67762-90-7	<1
Ethanol	64-17-5	<1
3-(Triethoxysilyl) propylamine	919-30-2	<1
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	Immediately remove all soiled and contaminated clothing.
Inhalation	Remove to fresh air. If unconscious, place patient in side position for transportation. Seek medical attention.
Ingestion	If symptoms persist, call a physician.
Skin contact	Remove all contaminated clothing immediately. 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) No further relevant information available.

Most important symptoms (over-exposure) Not available.

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known.
Specific hazards	Thermal degradation may produce irritating or poisonous gases. In use, may form flammable/explosive vapour-air mixture.
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	Do not allow product to reach sewage system, soil, surface or ground water, or any water 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. Ensure adequate ventilation. Open and handle receptacle with care. 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
Calcium Carbonate	15 mg/m ³ TWA 5 mg/m ³ TWA	-	10 mg/m ³ TWA 5 mg/m ³ TWA
Mercaptan Terminated Polymer	-	-	-
Dibutyl phthalate	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA
Triethylenediamine	-	-	-
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
Modified Silicone Dioxide	-	-	-
Ethanol	1000 ppm TWA 1900 mg/m ³ TWA	1000 ppm STEL	1000 ppm TWA 1900 mg/m ³ TWA
3-(Triethoxysilyl) propylamine	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-

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

If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Immediately remove all soiled and contaminated clothing. Store protective clothing separately. 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
Calcium Carbonate	10 mg/m ³ TWA	20 mg/m ³ STEL	-	10 mg/m ³ TWA	-	-	-	-	10 mg/m ³ TWA EV	20 mg/m ³ STEL

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
		10 mg/m ³ TWA 3 mg/m ³ TWA								10 mg/m ³ TWA
Mercaptan Terminated Polymer	-	-	-	-	-	-	-	-	-	-
Dibutyl phthalate	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA EV	10 mg/m ³ STEL 5 mg/m ³ TWA
Triethylenediamine	-	-	-	-	-	-	1 ppm TWA 4.6 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
Modified Silicone Dioxide	-	-	-	-	-	-	-	-	-	-
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 EV 1880 mg/m ³ TWA EV	1250 ppm STEL 1000 ppm TWA
3-(Triethoxysilyl)propylamine	-	-	-	-	-	-	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-	-	-	-	-	-	-

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	No data available
Boiling point/range °F	No data available
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	No data available

Upper explosion limit	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.58
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.
Symptoms	Causes irritation to the mucous membranes. Causes eye and skin irritation.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	No sensitizing effects known.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Calcium Carbonate	-	-	-
Mercaptan Terminated Polymer	-	-	-
Dibutyl phthalate	>= 15.68 mg/L (Rat) 4 h	> 20000 mg/kg (Rabbit)	= 7499 mg/kg (Rat)
Triethylenediamine	-	= 3200 mg/kg (Rabbit)	= 1700 mg/kg (Rat)

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Quartz (Crystalline Silica)	-	-	-
Modified Silicone Dioxide	-	-	-
Ethanol	= 124.7 mg/L (Rat) 4 h	-	= 7060 mg/kg (Rat)
3-(Triethoxysilyl) propylamine	> 7.35 mg/L (Rat) 4 h	= 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
Calcium Carbonate	-	-	-	-
Mercaptan Terminated Polymer	-	-	-	-
Dibutyl phthalate	-	-	-	-
Triethylenediamine	-	-	-	-
Quartz (Crystalline Silica)	A2	Group 1	Listed	Known Carcinogen
Modified Silicone Dioxide	-	-	-	-
Ethanol	A3	Group 1	Listed	Known Carcinogen
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
Calcium Carbonate	-	-	-	-	-	-
Mercaptan Terminated Polymer	-	-	-	-	-	-
Dibutyl phthalate	-	-	-	-	-	-
Triethylenediamine	-	-	-	-	-	-
Quartz (Crystalline Silica)	A2 - Suspected Human Carcinogen	ACGIH A2 IARC 1	ACGIH A2	-	ACGIH A2	C2 carcinogen
Modified Silicone Dioxide	-	-	-	-	-	-
Ethanol	-	-	ACGIH A3	ACGIH A4	ACGIH A3	-
3-(Triethoxysilyl) propylamine	-	-	-	-	-	-
2,4,6-Tri(dimethylamino methyl)phenol	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Calcium Carbonate	-	-
Mercaptan Terminated Polymer	-	-
Dibutyl phthalate	1.2: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.4: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static	0.71 - 1.2: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 0.31 - 5.45: 96 h <i>Pimephales promelas</i> mg/L LC50 static 1.24: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 1.38 - 1.74: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 0.42 - 1.28: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 1.24 - 5.3: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static
Triethylenediamine	-	1510 - 1980: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through
Quartz (Crystalline Silica)	-	-
Modified Silicone Dioxide	-	-
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
3-(Triethoxysilyl) propylamine	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-

Persistence and degradability No data available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Calcium Carbonate 1317-65-3	1317-65-3	-
Mercaptan Terminated Polymer NJTS 8009385952	NJTS 8009385952	-
Dibutyl phthalate 84-74-2	84-74-2	5.38 25 °C
Triethylenediamine 280-57-9	280-57-9	-
Quartz (Crystalline Silica) 14808-60-7	14808-60-7	-
Modified Silicone Dioxide 67762-90-7	67762-90-7	-
Ethanol 64-17-5	64-17-5	-0.32
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 Slightly hazardous to water (WGK 1) 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	
Proper shipping name	Not regulated
TDG	
Proper shipping name	Not regulated
IATA	
Proper shipping name	Not regulated
IMDG/IMO	
Proper shipping name	Not regulated

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Calcium Carbonate	1317-65-3	-	-	-
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Dibutyl phthalate	84-74-2	X	X	X
Triethylenediamine	280-57-9	-	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
Ethanol	64-17-5	-	-	-
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.

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

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Calcium Carbonate	1317-65-3	X	X	X

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Mercaptan Terminated Polymer	NJTS 8009385952	-	-	-
Dibutyl phthalate	84-74-2	X	X	X
Triethylenediamine	280-57-9	-	-	-
Quartz (Crystalline Silica)	14808-60-7	X	X	X
Modified Silicone Dioxide	67762-90-7	-	-	-
Ethanol	64-17-5	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
Calcium Carbonate	1317-65-3	-
Mercaptan Terminated Polymer	NJTS 8009385952	-
Dibutyl phthalate	84-74-2	Developmental Female Reproductive Male Reproductive
Triethylenediamine	280-57-9	-
Quartz (Crystalline Silica)	14808-60-7	Carcinogen
Modified Silicone Dioxide	67762-90-7	-
Ethanol	64-17-5	Carcinogen Developmental
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
Calcium Carbonate	1317-65-3	-	-
Mercaptan Terminated Polymer	NJTS 8009385952	-	-
Dibutyl phthalate	84-74-2	10 lb 4.54 kg	1.0 %
Triethylenediamine	280-57-9	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-
Modified Silicone Dioxide	67762-90-7	-	-
Ethanol	64-17-5	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-

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

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Calcium Carbonate	X	X	-
Mercaptan Terminated Polymer	-	-	-
Dibutyl phthalate	X	X	-
Triethylenediamine	X	X	-
Quartz (Crystalline Silica)	X	X	-
Modified Silicone Dioxide	X	X	-
Ethanol	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).

Prepared by Regulatory Affairs

Issue date 10-Jul-2018

Revision date 11-Apr-2019

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 Substances 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