



Safety Data Sheet

Issue date 11-Jul-2018

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Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® Flex-E-6020 - High Viscosity Seam Sealer - Part A

Other means of identification KT12400A

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

Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3

Symbol



Signal word WARNING

Hazard statements H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements

Prevention	P280 - Wear protective gloves/protective clothing and eye/face protection P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
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
Inhalation	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
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	Mixture	70-100
Modified Silicone Dioxide	67762-90-7	5-7
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	1.5-5
Water, distilled, conductivity or of similar purity	7732-18-5	< 0.1
Quartz (Crystalline Silica)	14808-60-7	< 0.1
3-(Triethoxysilyl) propylamine	919-30-2	< 0.1
Ethanol	64-17-5	< 0.1

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. If symptoms persist, call a physician.
Most important symptoms	May cause eye irritation. May cause respiratory irritation.

(acute)

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 Wear appropriate protective equipment and clothing during cleanup. 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. 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
Mercaptan Terminated Polymer	-	-	-
Modified Silicone Dioxide	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-
Water, distilled, conductivity or of similar purity	-	-	-
Quartz (Crystalline Silica)	50 µg/m³ TWA 50 µg/m³ TWA	0.025 mg/m³ TWA	0.05 mg/m³ TWA
3-(Triethoxysilyl) propylamine	-	-	-
Ethanol	1000 ppm TWA 1900 mg/m³ TWA	1000 ppm STEL	1000 ppm TWA 1900 mg/m³ TWA

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
Mercaptan Terminated Polymer	-	-	-	-	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-	-	-	-	-	-	-
Water, distilled, conductivity or of similar purity	-	-	-	-	-	-	-	-	-	-
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
3-(Triethoxysilyl)propylamine	-	-	-	-	-	-	-	-	-	-
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

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	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	1.253
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 Eyes. Inhalation.

Symptoms Causes eye irritation. May cause respiratory irritation.

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	-	-	-
Modified Silicone Dioxide	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	= 1280 mg/kg (Rat)	= 1200 mg/kg (Rat)
Water, distilled, conductivity or of similar purity	-	-	> 90 mL/kg (Rat)
Quartz (Crystalline Silica)	-	-	-
3-(Triethoxysilyl) propylamine	-	= 4 mL/kg (Rabbit) = 4290 mg/kg (Rabbit)	= 1780 mg/kg (Rat)
Ethanol	= 124.7 mg/L (Rat) 4 h	-	= 7060 mg/kg (Rat)

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Mercaptan Terminated Polymer	-	-	-	-
Modified Silicone Dioxide	-	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-	-	-
Water, distilled, conductivity or of similar purity	-	-	-	-
Quartz (Crystalline Silica)	A2	Group 1	Listed	Known
3-(Triethoxysilyl) propylamine	-	-	-	-
Ethanol	A3	Group 1	Listed	Known

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Mercaptan Terminated Polymer	-	-	-	-	-	-
Modified Silicone Dioxide	-	-	-	-	-	-
2,4,6-Tri(dimethylamino methyl)phenol	-	-	-	-	-	-
Water, distilled, conductivity or of similar purity	-	-	-	-	-	-
Quartz (Crystalline Silica)	A2 - Suspected Human Carcinogen	ACGIH A2 IARC 1	ACGIH A2	-	ACGIH A2	C2 carcinogen
3-(Triethoxysilyl) propylamine	-	-	-	-	-	-
Ethanol	-	-	ACGIH A3	ACGIH A4	ACGIH A3	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Mercaptan Terminated Polymer	-	-
Modified Silicone Dioxide	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	-	-
Water, distilled, conductivity or of similar purity	-	-
Quartz (Crystalline Silica)	-	-
3-(Triethoxysilyl) propylamine	-	-
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

Persistence and degradability No data available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Mercaptan Terminated Polymer Mixture	Mixture	-
Modified Silicone Dioxide 67762-90-7	67762-90-7	-
2,4,6-Tri(dimethylaminomethyl)phenol 90-72-2	90-72-2	-
Water, distilled, conductivity or of similar purity 7732-18-5	7732-18-5	-
Quartz (Crystalline Silica)	14808-60-7	-

Chemical name	CAS-No	Partition coefficient (log Kow)
14808-60-7		
3-(Triethoxysilyl) propylamine 919-30-2	919-30-2	-
Ethanol 64-17-5	64-17-5	-0.32

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
Mercaptan Terminated Polymer	Mixture	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-
Water, distilled, conductivity or of similar purity	7732-18-5	-	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-	-
Ethanol	64-17-5	-	-	-

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	Mixture	-	-	-
Modified Silicone Dioxide	67762-90-7	-	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-	-
Water, distilled, conductivity or of similar purity	7732-18-5	-	-	X
Quartz (Crystalline Silica)	14808-60-7	X	X	X
3-(Triethoxysilyl) propylamine	919-30-2	-	-	-
Ethanol	64-17-5	X	X	X

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	Mixture	-
Modified Silicone Dioxide	67762-90-7	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-
Water, distilled, conductivity or of similar purity	7732-18-5	-
Quartz (Crystalline Silica)	14808-60-7	Carcinogen
3-(Triethoxysilyl) propylamine	919-30-2	-
Ethanol	64-17-5	Carcinogen Developmental

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Mercaptan Terminated Polymer	Mixture	-	-
Modified Silicone Dioxide	67762-90-7	-	-
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	-	-
Water, distilled, conductivity or of similar purity	7732-18-5	-	-
Quartz (Crystalline Silica)	14808-60-7	-	-
3-(Triethoxysilyl) propylamine	919-30-2	-	-
Ethanol	64-17-5	-	-

US EPA SARA 311/312 hazardous categorization

Acute Health Hazard

International inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDL) 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	-	-	-
Modified Silicone Dioxide	X	X	-
2,4,6-Tri(dimethylaminomethyl)phenol	X	X	-
Water, distilled, conductivity or of similar purity	X	X	-
Quartz (Crystalline Silica)	X	X	-
3-(Triethoxysilyl) propylamine	X	X	-
Ethanol	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 Department

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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