



Safety Data Sheet

Issue date 17-Jul-2018

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Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® High-Tech Seam Sealer Clear

Other means of identification P10200

Recommended use Sealant

Restrictions on use Food Contact applications

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

Skin corrosion/irritation	Category 2
Reproductive toxicity	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 2

Symbol



Signal word

DANGER

Hazard statements

H225 - Highly flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation
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
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves/protective clothing and eye/face protection
P281 - Use personal protective equipment as required

Response**General**

P321 - For Specific treatment see section 4 of this sds
P321 - Specific treatment (see supplemental first aid instructions on this label)
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

Skin

P362 - Take off contaminated clothing and wash before reuse
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P332 + P313 - If skin irritation occurs: Get medical advice/attention

Inhalation

P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting

Fire

P370 + P378 - In case of fire: Use appropriate method to extinguish

Spill

Not available

Storage

P405 - Store locked up
P403 + P235 - Store in a well-ventilated place. Keep cool

Disposal

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

Hazard(s) Not Otherwise Classified (HNOC)

Not available.

Physical Hazards Not Otherwise Classified (PHNOC)

Not available.

Unknown acute toxicity

Not available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Toluene	108-88-3	30-40
Naphtha, petroleum, hydrotreated light	64742-49-0	1-5

4. FIRST-AID MEASURES**Necessary first-aid measures**

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rest in a half upright position, and loosen clothing. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek medical advice after significant exposure.

Ingestion Seek medical attention. Risk of aspiration into the lungs. The decision to induce vomiting or not must be made by a physician after careful consideration of all materials ingested.

Skin contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lift eyelids occasionally. Get prompt medical attention.

Most important symptoms (acute) Not applicable.

Most important symptoms (over-exposure) Not applicable.

Indication of any immediate medical attention and special treatment needed Not applicable.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media In case of fire: Use dry chemical, foam or water fog for extinction. Carbon dioxide (CO₂).

Unsuitable extinguishing media Not available.

Specific hazards Explosion Hazard- Vapors are heavier than air and may travel along the ground to an ignition source some distance from material handling point. Ignition sources include pilot lights, smoking, heaters, electric motors, sparks from electrical switches and static discharges.
CAUTION: Never use cutting torch on empty containers! Residual solvent vapor in empty container may explode. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain Medical Attention.

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 of unprotected and unnecessary personnel. Remove all sources of ignition. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid breathing vapor or mist. Wear personal protective equipment. Ventilate the area. Wear a positive-pressure supplied-air respirator. Wear protective gloves and protective clothing.

Methods and materials for containment and cleaning up

Contain the spill to prevent spread to drains, sewers, water supplies, or soil. Cover spill area with a suitable absorbent material (Kitty Litter, Oil-Dri, etc.). Saturate absorbent material with neutralization solution and mix. Wait 15 minutes. Collect material in open-head metal containers. Repeat applications of decontamination solution with scrubbing, followed by absorbent until the surface is decontaminated. Check for residual surface contamination. Swipe test kits have been used for this purpose. Apply lid loosely and allow containers to vent for 72 hours to let carbon dioxide diffuse. To minimize vapor, cover the spillage with fire fighting foam (AFFF). Released material may be pumped into closed, but not sealing, metal containers for disposal. Process can generate heat.

Neutralization solutions:

- (1) Colorimetric Laboratories Inc. (CLI) decontamination solution.
- (2) A mixture of 75% water, 20% non-ionic surfactant (e.g. Plurafac SL-62, Tergitol TMN-10) and 5% n-propanol.
- (3) A mixture of 80% water, 20% non-ionic surfactant (e.g. Plurafac SL-62, Tergitol TMN-10).
- (4) A mixture of 90% water 3-8% ammonium hydroxide or concentrated ammonia and 2% liquid detergent.

7. HANDLING AND STORAGE

Precautions for safe handling

Keep away from food, beverages, and feed. Keep away from sources of ignition - No smoking. Do not breathe vapor. Avoid contact with skin and eyes. Take precautionary measures against static discharges. Never use pressure to empty.

Conditions for safe storage, including any incompatibilities

Minimum temperature: Do not freeze. Maximum temperature: 40°C (104°F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Toluene	300 ppm Ceiling 200 ppm TWA	20 ppm TWA	150 ppm STEL 560 mg/m ³ STEL 100 ppm TWA 375 mg/m ³ TWA
Naphtha, petroleum, hydrotreated light	-	-	350 mg/m ³ TWA 350 mg/m ³ TWA

Appropriate engineering controls

A safety shower and eye wash station should be available for emergency use. Use process enclosures, local exhaust ventilation, or other controls to keep air containment concentration below current applicable OSHA permissible exposure limit or ACGIH TLV limit, and volatiles below lower explosive limit. Heavy solvent vapors should be removed from the lower levels of area, and all ignition sources (non-explosion proof equipment) should be eliminated if flammable mixtures will be encountered. Remove decomposition products formed during welding or flamecutting of surfaces coated with this product. For baking finishes - vent vapors emitted on heating.

Individual protection measures, such as personal protective

equipment

Eye protection	ANSI approved safety goggles are recommended if exposure is likely. An eye wash station should be available.
Skin and body protection	Wear chemical resistant gloves (nitrile) and paint suits . The most suitable glove must be chosen in consultation with the gloves supplier who can inform about the breakthrough time of the glove material.
Respiratory protection	Wear a NIOSH approved organic vapor respirator. An air supplied, positive pressure respirator may be required if working conditions do not provide adequate ventilation to keep exposures below the limits.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

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
Toluene	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m ³ TWA	60 ppm STEL 50 ppm TWA
Naphtha, petroleum, hydrotreated light	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear
Odor	Aromatic
Odor threshold	Not available
pH	Not available
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	90 °C
Boiling point/range °F	194 °F
Flash point °C	4°
Flash point °F	39°
Flash point method used	Not available
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available

Lower explosion limit	1 %
Upper explosion limit	7 %
Vapor pressure	Not available
Vapor density	Not applicable
Relative density	Not applicable
Solubility	Not applicable
Partition coefficient (n-octanol/water)	Not applicable
Autoignition temperature °C	232 °C
Autoignition temperature °F	449.6 °F
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not applicable

10. STABILITY AND REACTIVITY

Reactivity	No reactivity hazard is expected. Hazardous polymerization does not occur.
Chemical stability	This material is considered stable.
Possibility of hazardous reactions	Oxidizing Agents.
Conditions to avoid	Do not store at elevated temperatures.
Incompatible materials	Oxidizing agents.
Hazardous decomposition products	Hydrogen chloride gas. carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Inhalation. Ingestion. Eyes.
Symptoms	Long term toxicological studies have not been done on this product.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Not available.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Toluene	= 12.5 mg/L (Rat) 4 h	= 12000 mg/kg (Rabbit) Dermal LD50 Rabbit 12000 mg/kg (Source: JAPAN_GHS)	= 2600 mg/kg (Rat) Oral LD50 Rat 2600 mg/kg (Source: JAPAN_GHS)

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Naphtha, petroleum, hydrotreated light	= 73680 ppm (Rat) 4 h	> 3160 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat) > 4300 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
Toluene	A4	Group 3	-	-
Naphtha, petroleum, hydrotreated light	-	Group 3	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Toluene	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Naphtha, petroleum, hydrotreated light	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause long lasting harmful effects to aquatic life

Chemical name	Algae/aquatic plants	Fish
Toluene	433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 12.6: 96 h Pimephales promelas mg/L LC50 static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 54: 96 h Oryzias latipes mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 258: 96 h Salmo gairdneri mg/L LC50 static
Naphtha, petroleum, hydrotreated light	-	

Persistence and degradability Not applicable.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Toluene 108-88-3	108-88-3	2.7
Naphtha, petroleum, hydrotreated light 64742-49-0	64742-49-0	-

Mobility in soil Not available.

Other adverse effects None known

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose in accordance with federal, state, and local regulations. Controlled incineration is recommended for disposal of unused product. Prevent contamination of soil, drains and surface waters. Dispose of large containers to a licensed reconditioner. Dispose of small containers in compliance with local regulations.

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

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No UN1133
 Proper shipping name Adhesives
 Hazard Class(es) 3
 Packing group II
 Special Provisions LTD QTY

TDG

ID-No UN1133
 Proper shipping name Adhesives
 Hazard Class(es) 3
 Packing group II
 Special Provisions LTD QTY

IATA

ID-No UN1133
 Proper shipping name Adhesives
 Hazard Class(es) 3
 Packing group II

IMDG/IMO

ID-No UN1133
 Proper shipping name Adhesives
 Hazard Class(es) 3
 Packing group II
 EmS No F-E, S-D

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Toluene	108-88-3	-	-	-
Naphtha, petroleum, hydrotreated light	64742-49-0	-	-	-

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Toluene	108-88-3	X	X	X
Naphtha, petroleum, hydrotreated light	64742-49-0	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Toluene	108-88-3	Developmental
Naphtha, petroleum, hydrotreated light	64742-49-0	-

California Proposition 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Toluene	108-88-3	1000 lb 454 kg 1 lb 0.454 kg	1.0 %
Naphtha, petroleum, hydrotreated light	64742-49-0	-	-

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
Toluene	X	X	-
Naphtha, petroleum, hydrotreated light	X	X	-

16. OTHER INFORMATION

NFPA

Health

2

Flammability	3
Instability	0

HMIS

Health	2
Flammability	3
Physical hazards	0
Personal protection	G

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

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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