



Safety Data Sheet

Issue date 06-Jun-2018

Revision date 06-Jun-2018

Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® Super Bond Instant Adhesive
Other means of identification KT14676
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).

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

Symbol



Signal word WARNING

Hazard statements H227 - Combustible liquid
H315 - Causes skin irritation

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

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

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves and eye/face protection
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area

Response**General**

P321 - Specific treatment (see supplemental first aid instructions on this label)

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
P332 + P313 - If skin irritation 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
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Fire

P370 + P378 - In case of fire: Use carbon dioxide, powder or water spray.

Spill

P391 - Collect spillage

Storage

P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
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)

None known.

Physical Hazards Not Otherwise Classified (PHNOC)

None known.

Unknown acute toxicity

None known

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

This product is a mixture of the substances listed below with nonhazardous additions.

Chemical name	CAS-No	Weight %
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Ethyl cyanoacrylate	7085-85-0	50-100
Pyrogallol	87-66-1	<1
Hydroquinone	123-31-9	<1
Diethylphthalate	117-81-7	<1
diethyl ether--boron trifluoride	109-63-7	<1
Carbon Black	1333-86-4	<1
1,4,7,10,13,16-hexaoxacyclooctadecane	17455-13-9	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	If unconscious, place patient in side position for transportation.
Ingestion	Immediate medical attention is required.
Skin contact	Wash off immediately with soap and plenty of water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Most important symptoms (acute) No known significant effects or critical hazards.

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

Indication of any immediate medical attention and special treatment needed None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide (CO ₂). Dry powder. Water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media	None known.
Specific hazards	No information available.
Special protective equipment for fire-fighters	No special measures are required.

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	Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, universal binders). For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling	Ensure adequate ventilation. Provide local exhaust ventilation. Prevent formation of aerosols.
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Conditions for safe storage, including any incompatibilities

Keep containers tightly closed and sealed until ready for use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Ethyl cyanoacrylate	-	0.2 ppm TWA	-
Pyrogallol	-	-	-
Hydroquinone	2 mg/m ³ TWA	1 mg/m ³ TWA	-
Diethylphthalate	-	5 mg/m ³ TWA	10 mg/m ³ STEL 5 mg/m ³ TWA
diethyl ether--boron trifluoride	-	-	-
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
1,4,7,10,13,16-hexaoxacyclooctadecane	-	-	-

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 under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapors. In confined areas, use an approved air line respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Immediately remove contaminated clothing. Avoid contact with skin and eyes.

Canadian Province Occupational Exposure Limits

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
Ethyl cyanoacrylate	0.2 ppm TWA 1 mg/m ³ TWA	0.2 ppm TWA	0.2 ppm TWA 1 ppm STEL	-	1 ppm STEL 0.2 ppm TWA	1 ppm STEL 0.2 ppm TWA	0.2 ppm TWA	1 ppm STEL 0.2 ppm TWA	-	0.6 ppm STEL 0.2 ppm TWA
Pyrogallol	-	-	-	-	-	-	-	-	-	-
Hydroquinone	2 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	2 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	1 mg/m ³ TWA	2 mg/m ³ TWA EVL	4 mg/m ³ STEL

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
										2 mg/m ³ TWA
Diethylphthalate	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEL 5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ STEL 3 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEV 5 mg/m ³ TWA EV	10 mg/m ³ STEL 5 mg/m ³ TWA
diethyl ether--boron trifluoride	-	-	0.7 ppm Ceiling 0.1 ppm TWA	-	0.7 ppm Ceiling 0.1 ppm TWA	0.7 ppm Ceiling 0.1 ppm TWA	-	0.7 ppm Ceiling 0.1 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 EV	7 mg/m ³ STEL 3.5 mg/m ³ TWA
1,4,7,10,13,16-hexaoxacyclooctadecane	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Black
Odor	Characteristic
Odor threshold	Not available
pH	Not available
Melting point/range °C	Not available
Melting point/range °F	Not applicable
Boiling point/range °C	>150 °C
Boiling point/range °F	>302 °F
Flash point °C	87
Flash point °F	189
Flash point method used	Not available
Evaporation rate	Not applicable
Flammability (Solid, Gas)	Not applicable
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available

Solubility	Insoluble in water
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Product is not self-igniting
Autoignition temperature °F	Product is not self-igniting
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical stability	Not available.
Possibility of hazardous reactions	None known.
Conditions to avoid	Not available.
Incompatible materials	Not available.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Eyes.
Symptoms	Irritating to skin. Causes irritation to the mucous membranes. Causes eye irritation.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Not applicable.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Ethyl cyanoacrylate	< 21.1 mg/L (Rat) 1 h	> 2000 mg/kg (Rabbit)	> 5 mL/kg (Rat) > 5000 mg/kg (Rat)
Pyrogallol	-	-	= 790 mg/kg (Rat)
Hydroquinone	-	= 74800 mg/kg (Rabbit)	= 298 mg/kg (Rat)
Dioctylphthalate	= 10600 mg/m ³ (Rat) 4 h	= 25 g/kg (Rabbit) > 6000 mg/kg (Rat)	= 30 g/kg (Rat) > 15000 mg/kg (Rat) > 2000 mg/kg (Rat)
diethyl ether--boron trifluoride	-	-	-
Carbon Black	-	> 3 g/kg (Rabbit)	> 15400 mg/kg (Rat)
1,4,7,10,13,16-hexaoxacyclooctadecane	-	= 3888 mg/kg (Rabbit)	= 525 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
Ethyl cyanoacrylate	-	-	-	-
Pyrogallol	-	-	-	-
Hydroquinone	A3	Group 3	-	-
Diethylphthalate	A3	Group 2B	Listed	Reasonably Anticipated
diethyl ether--boron trifluoride	-	-	-	-
Carbon Black	A3	Group 2B	Listed	-
1,4,7,10,13,16-hexaoxacyclooctadecane	-	-	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Ethyl cyanoacrylate	-	-	-	-	-	-
Pyrogallol	-	-	-	-	-	-
Hydroquinone	-	-	ACGIH A3	ACGIH A3	ACGIH A3	-
Diethylphthalate	-	IARC 2B	ACGIH A3	ACGIH A3	ACGIH A3	C3 carcinogen
diethyl ether--boron trifluoride	-	-	-	-	-	-
Carbon Black	-	IARC 2B	ACGIH A3	ACGIH A4	ACGIH A3	-
1,4,7,10,13,16-hexaoxacyclooctadecane	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical name	Algae/aquatic plants	Fish
Ethyl cyanoacrylate	-	-
Pyrogallol	-	18: 48 h Carassius auratus mg/L LC50
Hydroquinone	0.335: 72 h Pseudokirchneriella subcapitata mg/L EC50 13.5: 120 h Desmodemus subspicatus mg/L EC50	0.044: 96 h Pimephales promelas mg/L LC50 flow-through 0.044: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.17: 96 h Brachydanio rerio mg/L LC50 0.1 - 0.18: 96 h Pimephales promelas mg/L LC50 static
Diethylphthalate	500: 72 h Desmodemus subspicatus mg/L EC50	0.16: 96 h Pimephales promelas mg/L LC50 static

Chemical name	Algae/aquatic plants	Fish
	130: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.1: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static 0.1: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	0.32: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 0.32: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 0.32: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 0.67: 96 h <i>Oryzias latipes</i> mg/L LC50 flow-through 0.200: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 0.200: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 0.32: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static 100: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 0.27 - 0.67: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 0.18: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 0.23: 96 h <i>Pimephales promelas</i> mg/L LC50 static
diethyl ether--boron trifluoride	-	-
Carbon Black	-	-
1,4,7,10,13,16-hexaoxacyclooctadecane	-	-

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Ethyl cyanoacrylate 7085-85-0	7085-85-0	-
Pyrogallol 87-66-1	87-66-1	-
Hydroquinone 123-31-9	123-31-9	0.5
Dioctylphthalate 117-81-7	117-81-7	5.03
diethyl ether--boron trifluoride 109-63-7	109-63-7	-
Carbon Black 1333-86-4	1333-86-4	-
1,4,7,10,13,16-hexaoxacyclooctadecane 17455-13-9	17455-13-9	-

Mobility in soil Not available.

Other adverse effects 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 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
Packing group

TDG

ID-No Not Regulated
Subsidiary Risk

IATA

ID-No UN1133
Proper shipping name Adhesives
Hazard Class(es) 3
Subsidiary Risk
Packing group
ERG Code III

IMDG/IMO

ID-No Not Regulated
Subsidiary Risk
EmS No

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Ethyl cyanoacrylate	7085-85-0	-	-	-
Pyrogallol	87-66-1	-	-	-
Hydroquinone	123-31-9	-	-	-
Diethylphthalate	117-81-7	-	-	-
diethyl ether--boron trifluoride	109-63-7	-	-	-
Carbon Black	1333-86-4	-	-	-
1,4,7,10,13,16-hexaoxacyclooctadecane	17455-13-9	-	-	-

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
Ethyl cyanoacrylate	7085-85-0	-	X	-
Pyrogallol	87-66-1	-	-	-
Hydroquinone	123-31-9	X	X	X
Diethylphthalate	117-81-7	X	X	X
diethyl ether--boron trifluoride	109-63-7	X	X	X
Carbon Black	1333-86-4	X	X	X
1,4,7,10,13,16-hexaoxacyclooctadecane	17455-13-9	-	-	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Ethyl cyanoacrylate	7085-85-0	-
Pyrogallol	87-66-1	-
Hydroquinone	123-31-9	-
Diethylphthalate	117-81-7	Carcinogen Developmental Male Reproductive
diethyl ether--boron trifluoride	109-63-7	-
Carbon Black	1333-86-4	Carcinogen
1,4,7,10,13,16-hexaoxacyclooctadecane	17455-13-9	-

U.S. Federal Regulations**US EPA SARA 313**

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Ethyl cyanoacrylate	7085-85-0	-	-
Pyrogallol	87-66-1	-	-
Hydroquinone	123-31-9	100 lb 45.4 kg	1.0 %
Diethylphthalate	117-81-7	100 lb 45.4 kg	0.1 %
diethyl ether--boron trifluoride	109-63-7	-	-
Carbon Black	1333-86-4	-	-
1,4,7,10,13,16-hexaoxacyclooctadecane	17455-13-9	-	-

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

Not applicable

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
Ethyl cyanoacrylate	X	X	-
Pyrogallol	X	X	-
Hydroquinone	X	X	-
Diethylphthalate	X	X	-
diethyl ether--boron trifluoride	X	X	-
Carbon Black	X	X	-
1,4,7,10,13,16-hexaoxacyclooctadecane	X	X	-

Legend X - Listed

16. OTHER INFORMATION**NFPA**

Health	1
Flammability	2
Instability	0

HMIS

Health	1
Flammability	2
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 06-Jun-2018

Revision date 06-Jun-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