



Safety Data Sheet

Issue date 22-May-2018

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Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® Super Bond Instant Adhesive

Other means of identification P10690

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
Flammable liquids	Category 4

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

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing and eye/face protection

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

Inhalation

Not available

Ingestion

Not available

Fire

Not available

Spill

P391 - Collect spillage

Storage

P401 - Store in accordance with local regulations

Disposal

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

Hazard(s) Not Otherwise Classified (HNOC)

WARNING: Cyanoacrylate. Eye irritant. Bonds skin and eyes in seconds. This adhesive gives a virtually immediate, strong bond: apply only to surfaces to be bonded. Do not get adhesive on your skin or other parts of your body, or that of others. In case of body contact, flush with water. Seek medical attention for any eye or internal contact. Keep out of the reach of children.

Physical Hazards Not Otherwise Classified (PHNOC)

None known.

Unknown acute toxicity

No information available

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

Mixture.

Chemical name	CAS-No	Weight %
Ethyl cyanoacrylate	7085-85-0	85-95

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	If you feel unwell, seek medical advice. Never give anything by mouth to an unconscious person.
Inhalation	Overexposure may be irritating to the respiratory system. 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. Get medical attention following exposure or if feeling unwell.
Ingestion	Not an expected route of exposure. Ensure breathing passages are clear. Saliva will separate any solidified product within two days. Prevent accidental swallowing. Material will rapidly polymerize in mouth prior to ingestion. Get medical attention immediately.
Skin contact	Bonds rapidly and strongly. May cause burns. Immerse bonded surface in warm soapy water. Peel or roll surface apart with aid of blunt edge. Do not pull apart with direct opposing action. If skin is burned by a large drop, (due to heat generated by the polymerization) seek medical help. If the lips are accidentally bonded, apply warm soapy water, encourage maximum wetting and pressure from saliva inside mouth and peel or roll lips apart. DO NOT TRY TO PULL LIPS APART. Burn: should be treated normally after the lump of cyanoacrylate is released from the tissue. Contact through clothing can cause immediate polymerization, exothermic reaction and burning. Removal of clothing can remove bonded skin. Submerge with water and soak affected area. Wear a plastic (not cotton) apron for added protection. Get immediate medical advice/attention.
Eye contact	Irritating. Immediately flush with water for at least 15 minutes, get prompt medical attention and apply gauze patch. Cyanoacrylate will bond to eye protein and cause a lachrymatory effect which will help de-bond the adhesive. Keep eye covered until de-bonding is complete (usually with 1-4 days). Get medical attention immediately.
Most important symptoms (acute)	Causes skin irritation. Causes eye irritation. Not expected to present a significant hazard under anticipated conditions of normal use.
Most important symptoms (over-exposure)	Adverse symptoms may include the following: May cause drowsiness or dizziness. May cause respiratory irritation. Skin irritation. Cyanoacrylate bonds skin and eyes in seconds. In the case of large spills on the skin, superficial burns may occur. Causes serious eye irritation. Ingestion unlikely. Material will rapidly polymerise in the mouth prior to ingestion. IF exposed or concerned: Call a POISON CENTER or doctor.
Indication of any immediate medical attention and special treatment needed	IF exposed or concerned: Get medical advice/attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Alcohol resistant foam. Dry powder. Carbon dioxide (CO ₂). Water fog. Water spray.
Unsuitable extinguishing media	Full water jet. Heavy water stream.
Specific hazards	Combustible liquid. In combustion emits toxic fumes of carbon dioxide, carbon monoxide and nitrogen oxides.
Special protective equipment for fire-fighters	Exercise caution when fighting any chemical fire. Water may be used to cool closed containers to prevent pressure build-up and/or explosion when exposed to extreme heat. Prevent fire-fighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation. Avoid contact with eyes, skin, and clothing. Handle in accordance with good industrial hygiene and safety practice. Put on appropriate personal protective equipment. Evacuate area of unprotected and unnecessary personnel.

Methods and materials for containment and cleaning up

Use personal protection recommended in Section 8. Ventilate the area. Evacuate area of unprotected and unnecessary personnel. Prevent entry into waterways, sewers, basements, and confined areas. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Collect spillage. Or flood with water slowly to complete polymerization (~10:1, adhesive : water). Scrape off floor. Cured material can be disposed of as non-hazardous waste.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with moisture and water. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood. Keep away from open flames, hot surfaces and sources of ignition. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Provide good ventilation in process area to prevent formation of vapor.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Keep away from direct sunlight. Keep container tightly closed. Store in a cool, dry, and well-ventilated place. Keep in fireproof place. See section 10 for incompatible materials. Refrigerated storage (2°C to 8°C) is recommended for optimum shelf life.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Ethyl cyanoacrylate	-	0.2 ppm TWA	-

Appropriate engineering controls

Ensure adequate ventilation. A safety shower and eye wash station should be available for emergency use.

Individual protection measures, such as personal protective equipment

Eye protection

ANSI approved safety glasses or splash goggles are recommended.

Skin and body protection

Chemical resistant gloves. Butyl rubber gloves.

Respiratory protection

Wear a NIOSH approved organic vapor respirator.

Hygiene measures

General industrial hygiene practice.

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	0.2 ppm	0.2 ppm	-	1 ppm	1 ppm	0.2 ppm	1 ppm	-	0.6 ppm

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
	TWA 1 mg/m ³ TWA	TWA	TWA 1 ppm STEL		STEL 0.2 ppm TWA	STEL 0.2 ppm TWA	TWA	STEL 0.2 ppm TWA		STEL 0.2 ppm TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear
Odor	Irritating sharp odor
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	>100 °C
Boiling point/range °F	>212 °F
Flash point °C	>80
Flash point °F	>176
Flash point method used	Not available
Evaporation rate	Negligible
Flammability (Solid, Gas)	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	< 0.2 mmHg @ 21°C (70°F)
Vapor density	No data available
Relative density	1.02 - 1.09
Solubility	Reacts with water. Soluble in Acetone
Partition coefficient (n-octanol/water)	No data available
Autoignition temperature °C	No data available
Autoignition temperature °F	No data available
Decomposition temperature °C	No data available

Decomposition temperature °F No data available

Viscosity No data available

10. STABILITY AND REACTIVITY

Reactivity No dangerous reactions under normal conditions of use.

Chemical stability Stable under normal conditions. Polymerizes rapidly with water.

Possibility of hazardous reactions No dangerous reactions under normal conditions of use. Polymerization may occur on exposure to conditions or materials listed below. Polymerization can be rapid.

Conditions to avoid Avoid direct sunlight. Avoid extreme heat. Avoid extreme temperatures. Moisture. Humidity.

Incompatible materials Oxidizing agents. Alkalis. Amines. Water. Alcohols.

Hazardous decomposition products Toxic fumes. Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Inhalation. Ingestion. Eyes.

Symptoms Eye and skin irritant. Vapors may cause drowsiness and dizziness. May cause irritation of respiratory tract.

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:
Ethyl cyanoacrylate	< 21.1 mg/L (Rat) 1 h	> 2000 mg/kg (Rabbit)	> 5 mL/kg (Rat) > 5000 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	-	-	-	-

**Canadian Province
carcinogenicity limits**

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Ethyl cyanoacrylate	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION
Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Ethyl cyanoacrylate	-	-

Persistence and degradability No data available.

Bioaccumulation Does not bioaccumulate

Chemical name	CAS-No	Partition coefficient (log Kow)
Ethyl cyanoacrylate 7085-85-0	7085-85-0	-

Mobility in soil Negligible due to rapid polymerization with water.

Other adverse effects Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations. Do not let product enter drains. Should not be released into the environment.

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

14. TRANSPORTATION INFORMATION
Shipping Descriptions
DOT

ID-No UN3334
 Proper shipping name Aviation regulated liquid, n.o.s. (ethyl-2-cyanoacrylate)
 Hazard Class(es) 9
 Special Provisions LTD QTY

TDG

ID-No UN3334
 Proper shipping name Aviation regulated liquid, n.o.s. (ethyl-2-cyanoacrylate)
 Hazard Class(es) 9
 Special Provisions LTD QTY

IATA

ID-No UN3334

Proper shipping name Aviation regulated liquid, n.o.s. (ethyl-2-cyanoacrylate)
Hazard Class(es) 9
Special Provisions LTD QTY

IMDG/IMO

Proper shipping name Not regulated

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Ethyl cyanoacrylate	7085-85-0	-	-	-

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	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Ethyl cyanoacrylate	7085-85-0	-

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	-	-

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
Ethyl cyanoacrylate	X	X	-

Legend X - Listed

16. OTHER INFORMATION**NFPA**

Health	Not available
Flammability	Not available
Instability	Not available

HMIS

Health	2
Flammability	2
Physical hazards	1

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/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