



Material Safety Data Sheet

Revision Date 08-Jul-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code KT13431
Product name Super Bond
Recommended Use Adhesive

Supplier Kent Automotive
 8770 W.Bryn Mawr Ave.- Suite 900
 Chicago, IL 60631
 1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
 Irritant. Flammable.

Aggravated Medical Conditions

Pre-existing skin, eye, or respiratory conditions may be aggravated by exposure to this product.

Principal Routes of Exposure

Skin. Inhalation. Ingestion. Eyes.

Potential health effects

Eyes Contact with eyes may cause irritation. Corrosive to the eyes and may cause severe damage including blindness.

Skin Skin Irritation. Repeated or prolonged exposure may cause: Corrosive to soft tissues.

Inhalation May cause irritation of respiratory tract. May cause irritation to the mucous membranes. Coughing. Dizziness. Nausea. Central nervous system effects.

Ingestion Toxic if swallowed. Nausea. Diarrhea. Unconsciousness.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Heptanes	142-82-5	85-95
Benzenamine, N,N,4-trimethyl-	99-97-8	1-10
Hexane	110-54-3	0.1-0.5
Octane	111-65-9	0.1-0.5

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

Skin contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Remove and wash contaminated clothing before re-use. Seek medical attention if irritation persists.

Ingestion Do Not induce vomiting. Consult a physician.

Inhalation Remove to fresh air. Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C -40
Flash point °F 25
Method Tag Closed Cup

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)
Upper 6.7
Lower 1.1

Suitable extinguishing media

Dry chemical powder. Foam. Carbon dioxide.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special Fire-Fighting Procedures

Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Eliminate all sources of ignition. Absorb with fire resistant absorbent. Dispose of absorbent in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE**Handling**

Use only in area provided with appropriate exhaust ventilation. Avoid contact with skin and eyes. Keep away from open flames, hot surfaces and sources of ignition. Keep container closed when not in use.

Storage

Keep tightly closed in a dry and cool place. Keep out of the reach of children. Store at temperatures between 40 degrees F and 90 degrees F. Keep away from food, beverages, and feed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Heptanes	500 ppm 2000 mg/m ³	-	400 ppm	500 ppm
Hexane	500 ppm 1800 mg/m ³	-	50 ppm	N/D
Octane	500 ppm 2350 mg/m ³	-	300 ppm	-
Benzenamine, N,N,4-trimethyl-	-	-	-	-

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area. Mechanical: as necessary.

Hygiene measures

Remove and wash contaminated clothing before re-use. Wash hands after handling the product.

Respiratory protection

Use NIOSH approved respirator if TLV limit is exceeded.

Hand Protection

Rubber gloves.

Eye protection

Safety glasses with side-shields.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

A rubber apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Clear
Odor	Mild Hydrocarbon-like

Odor Threshold	No information available
pH	No data available
Specific Gravity	0.69
Vapor pressure	1.60 @ 100°FmmHg
Vapor density	3.5 (air=1)
Evaporation Rate	No data available
Water solubility	Negligible
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	99
Boiling point/range °F	210
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	-40
Flash point °F	25

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

Heat, flames and sparks.

Incompatibility

Oxidizers. Strong acids. Caustics. Halogens.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide. Hydrocarbons.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Heptanes 142-82-5	-	3000 mg/kg	103 g/m ³
Hexane 110-54-3	-	3000 mg/kg	48000 ppm
Octane 111-65-9	-	-	118 g/m ³
Benzenamine, N,N,4-trimethyl- 99-97-8	-	-	1400 mg/m ³

Synergistic Products

None known

Potential health effects**Sensitization**

None known

Chronic toxicity

Repeated and prolonged exposure to solvents may cause brain and nervous system damage. See Section 2.

Mutagenic effects	None known
Teratogenic effects	None known
Reproductive toxicity	None known
Target Organ Effects	See Section 2
Carcinogenic effects	See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Heptanes	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Hexane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Octane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Benzenamine, N,N,4-trimethyl-	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Heptanes

Water Flea Data

Daphnia magna EC50>10 mg/L (24 h)

Hexane

Water Flea Data

Daphnia magna EC50>1000 mg/L (24 h)

Octane

Microtox Data

Photobacterium phosphoreum EC50=890 mg/L (30 min)

Water Flea Data

water flea EC50=0.38 mg/L (48 h)

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

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

14. TRANSPORTATION INFORMATION

DOT

UN1206 Heptanes (Heptanes/n-Hexane), Class 3, PG II
 Exception: (Flammable Liquids PG II not more than 1.0L) Consumer Commodity ORM-D

TDG

UN1206 HEPTANES, Class 3, PG II

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Hexane	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Heptanes	Listed	Listed	Not Listed
Hexane	Listed	Listed	Not Listed
Octane	Listed	Listed	Not Listed
Benzenamine, N,N,4-trimethyl-	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Heptanes	X	X	-	X
Hexane	X	X	-	X
Octane	X	X	-	X
Benzenamine, N,N,4-trimethyl-	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA

Health - 2
 Flammability - 3
 Reactivity - 0

HMIS

Health - 2
 Flammability - 3
 Physical Hazard - 0

Prepared By

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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.