

KIM-BOND SINGLE USE EPOXY (PART A RESIN)

80-1420
80-1422

HMIS RATING	
Health	2
Flammability	1
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	1
Reactivity	0
NFPA 30B LEVEL	
3	

KIMBALL-MIDWEST
P.O. BOX 2470
COLUMBUS, OH 43216-2470
CORPORATE TELEPHONE: 614-219-6100
EMERGENCY TELEPHONE: 800-424-9300

1. PRODUCT IDENTIFICATION

PART NUMBER 80-1420
PRODUCT NAME Kim-Bond Single Use Epoxy (Part A Resin)

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
MERCAPTAN TERMINATED POLYMER (CAS#TRADE SECRET)	-	-	-	-
TRADE SECRET (CAS#TRADE SECRET)	-	-	-	-
NONYL PHENOL (CAS#84852-15-3)	-	-	-	-
TERTIARY AMINE (CAS#TRADE SECRET)	-	-	-	-

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE) NA
VAPOR PRESSURE PSIG @ 70°F NA
VAPOR DENSITY (AIR = 1) NA
SOLUBILITY IN WATER NA
SPECIFIC GRAVITY (H₂O = 1) 1.03
MELTING/FREEZING POINT NA
EVAPORATION RATE (Butyl=1) NA
VOC content (by weight) NA
APPEARANCE AND ODOR Amber in color, mercaptan odor

4. FIRE AND EXPLOSION DATA

FLASH POINT 200°F
UPPER EXPLOSIVE LIMIT (%) NA
LOWER EXPLOSIVE LIMIT (%) NA
EXTINGUISHING MEDIA H₂O, foam, fog, dry chemical, CO₂
SPECIAL FIREFIGHTING PROCEDURES Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

HEALTH HAZARDS (ACUTE AND CHRONIC)
EYE CONTACT Causes sever eye irritation. May cause blindness.
SKIN CONTACT: Causes sever skin irritation. Repeated contact may cause an allergic skin reaction. May be harmful if absorbed through skin.
INHALATION: Causes irritation of the respiratory tract.
INGESTION: If ingested, causes burns to the mouth, as well as a danger of perforation of the oesophagus and stomach.
AGGRAVATED MEDICAL CONDITIONS: Eye diseases, skin disorders and allergies.

5. HEALTH EFFECTS DATA (Cont'd)

FIRST AID PROCEDURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes while lifting upper and lower eye lids. Get medical attention.
SKIN CONTACT: Wash with soap and water for at least 15 minutes. Get medical attention.
INGESTION: Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

6. REACTIVITY

CONDITIONS TO AVOID All sources of heat, ignition, welding arcs, and open flames.
INCOMPATIBILITIES Oxidizing agents, cleaning solutions such as chromerge/aqua regia. Strong mineral and lewis acids. Halogenated organic compounds.
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, carbon dioxide, nitrogen oxides, ammonia, hydrogen, sulphide, oxides of sulfur.
HAZARDOUS POLYMERIZATION None will occur
STABILITY Stable under normal conditions.

7. REGULATORY INFORMATION

TSCA STATUS All ingredients contained in this product are on the TSCA inventory.
PROPOSITION 65 INFORMATION 04009 Part B contains chemicals known to the state of California to cause cancer/reproductive toxicity.

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2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
TRADE SECRET (CAS#TRADE SECRET)	-	-	-	-
EPOXY RESIN (CAS#25068-38-6)	-	-	-	-
TRADE SECRET (CAS#TRADE SECRET)	-	-	-	-

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3. PHYSICAL DATA

BOILING POINT (RANGE) NA
VAPOR PRESSURE PSIG @ 70°F NA
VAPOR DENSITY (AIR = 1) NA
SOLUBILITY IN WATER NA
SPECIFIC GRAVITY (H₂O = 1) 1.18
MELTING/FREEZING POINT NA
EVAPORATION RATE (Butyl=1) NA
VOC content (by weight) NA
APPEARANCE AND ODOR Transparent in color, mild odor

4. FIRE AND EXPLOSION DATA

FLASH POINT 200°F
UPPER EXPLOSIVE LIMIT (%) NA
LOWER EXPLOSIVE LIMIT (%) NA
EXTINGUISHING MEDIA H₂O, foam, fog, dry chemical, CO₂
SPECIAL FIREFIGHTING PROCEDURES Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

HEALTH HAZARDS (ACUTE AND CHRONIC)
EYE CONTACT Causes severe eye irritation. May cause blindness.
SKIN CONTACT: Causes severe skin irritation. Repeated contact may cause an allergic skin reaction. May be harmful if absorbed through skin.
INHALATION: Causes irritation of the respiratory tract.
INGESTION: If ingested, causes burns to the mouth, as well as a danger of perforation of the oesophagus and stomach.
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INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

6. REACTIVITY

CONDITIONS TO AVOID All sources of heat, ignition, welding arcs, and open flames.
INCOMPATIBILITIES Oxidizing agents, strong mineral acids, strong Lewis acids, bases, mercaptans, amines.
HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide, carbon dioxide, aldehydes, acids.
HAZARDOUS POLYMERIZATION None will occur
STABILITY Stable under normal conditions.

7. REGULATORY INFORMATION

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