



J-B WELD COMPANY

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MATERIAL SAFETY DATA SHEET

Product Code: 48102 J B Weld (48009)

Revision Date: 3/9/2000

Supersedes Form Dated: 02/19/98

TRADE NAME J B Weld Epoxy Steel Resin
 SYNONYM OR CROSS REFERENCE Epoxy Resin
 SCHEDULE B#: 3506.91.0000-3

8065-5
 82-5
 8272
 8280

HAZARDOUS INGREDIENTS

Materials or Components	% (w/w)	CAS No.	Hazard data
Calcium Carbonate	40-50 %	1317-85-3	ACGIH: TWA 10 mg/m ³
Iron Powder	10-20 %	65997-19-5	OSHA: PEL 15 mppcf
Epoxy Resin	30-40%	25068-38-6	ACGIH: TLV 15 mg/m ³ OSHA: PEL 15 mppcf N/E

PHYSICAL PROPERTIES

BOILING POINT.....	N/A	MELTING POINT.....	N/A
VAPOR PRESSURE.....	N/A	SPECIFIC GRAVITY (Water = 1).....	1.8
VAPOR DENSITY (Air = 1).....	>1	VOLATILE BY VOLUME.....	N
WATER SOLUBILITY.....	Not Soluble	EVAPORATION RATE (Ethyl Ether = 1).....	Slower than
APPEARANCE.....	Dark gray or black smooth paste	V.O.C.....	Non

FIRE AND EXPLOSION DATA

FLASH POINT °F.....	>200°F/93°C Seta CC
FIRE EXTINGUISHING MEDIA.....	CO ₂ , Dry Chemicals, Foam.
SPECIAL FIRE FIGHTING PROCEDURES.....	Firefighters wear self-contained breathing apparatus. Fight like a fuel oil fire.
UNUSUAL FIRE AND EXPLOSION HAZARD.....	Closed containers exposed to high temperatures such as fire conditions may rupture.
FLAMMABLE LIMITS.....	N/E



J-B WELD BOND TO ANY SURFACE. HAS MANY USES.



HEALTH HAZARD INFORMATION

THRESHOLD LIMIT VALUE..... Product TLV not established. Component values in
HEALTH HAZARDS..... Section II
 May cause minor skin or eye irritation.

CALIFORNIA PROPOSITION 65 STATEMENT:

Trace amounts of Epichlorohydrin, a substance which is a human cancer hazard, may be contained in this product. The level in this product does not constitute a significant risk.

CALIFORNIA PROPOSITION 65:

Trace amounts of some chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm may be present in this product.

FIRST AID PROCEDURES:

SKIN CONTACT..... Wash with soap and excess water. Obtain medical attention if irritation occurs.
EYE CONTACT..... Flush promptly with excess water for 15 minutes. Call a physician.
IF SWALLOWED..... Do not induce vomiting. Call a physician. If conscious, give a glass of water to person.
INHALATION..... Remove from contaminated areas, apply artificial respiration if necessary, call a physician.

TOXICITY

ORAL (acute) (rats) N/E .ACUTE INTRAPERITONEAL (mice) N/
 INHALATION (acute) (rats) N/E CHRONIC, SUBCHRONIC, ETC.: N/

REACTIVITY DATA

STABILITY..... Stable
INCOMPATIBILITY..... Strong acids or alkalis
HAZARDOUS DECOMPOSITION PRODUCTS..... Thermal decomposition will yield carbon monoxide and carbon dioxide
HAZARDOUS POLYMERIZATION..... Will not occur
CONDITIONS TO AVOID..... Open flames, sparks, and high temperatures

SPILL AND DISPOSAL METHOD

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Wash and clean up small spills with water and detergent. Pick up large spills with inert absorbent and place in a container for disposal.
WASTE DISPOSAL METHOD Disposal method must comply with local, state, and federal regulations.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE EXPOSURE, OR ACCIDENT CALL DAY OR NIGHT, IN THE USA OR CANADA

Chemtrec (USA) 1-800-424-9300 Canutec (Canada) 1-613-996-6666 (collect)

RESPIRATORY PROTECTION INFORMATION

RESPIRATORY PROTECTION.....	With general room ventilation does not require any respiratory protection. If room ventilation is lacking, use NIOSH approved respirator.
VENTILATION REQUIREMENTS.....	General room ventilation
LOCAL.....	Exhaust
MECHANICAL.....	Acceptable
SPECIAL.....	None
EYE.....	Safety glasses or goggles
HAND.....	Neoprene or equivalent recommended
OTHER PROTECTIVE EQUIPMENT.....	Eye wash fountain and safety shower should be available

HANDLING AND STORAGE PRECAUTIONS

OTHER STORAGE AND HANDLING CONDITIONS.....	Store at ambient temperatures
MISCELLANEOUS.....	HMIS RATING: Health = 2 Flammability = 1 Reactivity = 1 CODE: Least Hazardous = 0, Greatest Hazard = 4

Do not flame cut, weld, or melt empty containers.

NOTES: N/E = Not Established N/D = Not Determined N/A = Not Applicable

The information in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the sheet is the latest one issued.