

NCB8265S

MATERIAL SAFETY DATA SHEET

Effective Date: 3-4-93

Epoxy Steel Hardener

8265, 8272, 8280, 8265-S

Revision Date: none

Code: JWC

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Section 1 - Product and Company Identification

PRODUCT NAME: Epoxy Steel Hardener

8265, 8272, 8280, 8265-S

MANUFACTURER'S NAME:

J-B Weld Company

P.O. Box 483

Sulphur Springs, TX 75483

EMERGENCY TELEPHONE NUMBER

MISCELLANEOUS INFORMATION

(903) 885-7696

Section 2 - Hazardous Ingredients

MATERIALS OR COMPONENTS	%(v/v)	CAS NUMBER	HAZARD DATA
Calcium Carbonate	35-40%	1317-65-3	ACGIH: TWA 10 mg/m ³ ; OSHA: PEL 15mppcf
Barium Sulfate	20-30%	7727-43-7	ACGIH: TWA 10 mg/m ³ ; OSHA: PEL 15mppcf
Magnesium Silicate	2-7%	14807-96-6	ACGIH: TWA 2 mg/m ³ ; OSHA: PEL 20mppcf
Titanium Dioxide	1-6%	13463-67-7	ACGIH: TWA 10 mg/m ³ ; OSHA: PEL 15mg/m
Forfuryl Alchohol	1-5%	98-00-0	ACGIH: TWA 10 ppm
Polyamide Resin	15-25%	68410-23-1	N/E

Section 3 - Hazards Indentification

THRESHOLD LIMIT VALUE.....Product TLV not established. Component values in Section II.

HEALTH HAZARDS.....Severe eye and skin irritant.

Section 4 - First Aid Measures

FIRST AID PROCEDURES:

SKIN CONTACT.....Wash with soap and excess water. Obtain medical attention irritation occurs.

EYE CONTACT.....Flush promptly with excess water for 15 minutes. Call 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.

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Section 5 - Firefighting Measures

FLASH POINT F.....>350 Deg. F Set a closed cup

FIRE EXTINGUISHING MEDIA.....CO2, dry chemicals, and foam.

SPECIAL FIRE FIGHTING PROCEDURES.....Firefighters wear self-contained breathing apparatus. Fight like an oil fire.

UNUSUAL FIRE AND EXPOSION HAZARD.....Closed containers exposed to high temperatures such as fire conditions may rupture.

FLAMMABLE LIMITS.....N/E

Section 6 - Environmental Release Measures

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.

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)

Section 7 - Handling and Storage

OTHER STORAGE AND

HANDLING CONDITIONS.....Store at ambient temperatures.

MISCELLANEOUS.....HMIS RATING: Health=2, Flammability=1,
Reactivity= ,CODE: Least hazardous=0,
Greatest hazard=4

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Section 8 - Exposure Controls/Personal Protection

RESPIRATORY PROTECTION.....With general room ventilation does not require any respiration 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 required.

OTHER PROTECTIVE EQUIPMENT.....Eye wash fountain and safety shower should be available.

Section 9 - Physical and Chemical Properties

BOILING POINT.....N/A

VAPOR PRESSURE.....N/A

VAPOR DENSITY (Air=1).....1

WATER SOLUBILITY.....Not soluble

APPEARANCE.....White paste

MELTING POINT.....N/A

SPECIFIC GRAVITY (Water=1).....1.73

VOLATILE BY VOLUME.....Nil

EVAPORATION RATE (Ethyl Ether=1).....

(Slower than Ethyl Ether).....

V.O.C.....Nil

Section 10 - Stability and Reactivity

STABILITY.....Stable

INCOMPATIBILITY.....Strong acids or alkalies.

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.

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Section 11 - Toxicological Information

ORAL (acute) (rats).....N/E

INHALATION (acute) (rats).....N/E

ACUTE INTRAPERITONEAL (mice).....N/E

CHRONIC, SUBCHRONIC, ETC.....N/E

Section 12 - Ecological Information

Not available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD.....Dispose method must comply with local,
state, and federal regulations.

Section 14 - Transport Information

Not available.

Section 15 - Regulatory Information

SECTION 313

SUPPLIER NOTIFICATION: This product contains the following toxic chemicals
subject to the reporting requirements of Section of
the Emergency Planning and Community Right-To-Know
Act of 1986 and 40 CFR 372:

CAS #	CHEMICAL NAME	% BY WGT.
-----	Barium Compounds	24.1%

THIS INFORMATION MUST BE COPIED TO ALL MSDS's THAT ARE DISTRUBUTED FOR THIS
PRODUCT.

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

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Section 16 - Other Information

PREPARED BY:

U.S. Chemical & Plastics
Technical Department

ADDRESS:

1446 W. Tuscarawas St.
Canton, OH 44706

PHONE:

216-455-4311

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.