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SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

(N/A)

Product Name: **J-B Weld, J-B Professional (Hardener)**
Synonyms: Epoxy Paste Hardener

Distributor Name: J-B Weld Company

Revision Date: 1/15/2011

Manufacturer Name: J-B Weld Company

Address: P.O. Box 483
 1130 Como Street
 Sulphur Springs, TX 75482
NFPA**0****1 0**
Business Phone: (903) 885-7696

Business Fax: (903) 885-5911

CROSS REFERENCE: Epoxy Paste Hardener

NFPA Ratings:
PPE: B
Product Codes: 8265, 8265S, 8265SF, 8280, 7265S

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

: (N/A)

| Ingredient Name | CAS# | Ingredient Percent |
|--|--|---------------------------|
| Polyamide | 135108-88-2 | 15% to 40% by Weight |
| EC Index Number: | 1 Oral LD(50) Rat: > 500 mg/kg Inhalation LC(50) (1hr) Rat: > 20 mg/l Skin LD(50) Rabbit: > 2000 mg/kg | |
| Polyamide Resin | 68410-23-1 | 15% to 40% by Weight |
| EC Index Number: | 1 Eye irritation Rabbit: 75.7 (scale 0-110) Oral LD(50) Rat : > 8.0 g/kg Skin Irritation Rabbit: 3.0 (Scale 0-8) | |
| Triethylenediamine | 280-57-9 | 1% to 5% by Weight |
| EC Index Number: | 1 ORAL: LD50 3200 mg/kg (Rat) INHALATION: LC50 (1 h) > 10.1 mg/l SKIN: LD50 > 2,000 mg/kg (Rabbit) | |
| 2,4,6-TRIS(DIMETHYLAMINO)METHYL PHENOL | 90-72-2 | 1% to 5% by Weight |
| EC Index Number: | 1 SKIN IRRITATION: 8 (scale 0-8) (rabbit) ORAL LD(50): 1653 mg/kg (rat) INHALATION LC(50): > 0.5 mg/L (rat) EYE IRRITATION: 110 (scale 0-110) (rabbit) DOT CORROSIVITY: neg. (rabbit) | |

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SECTION 3 : HAZARDS IDENTIFICATION

: (N/A)

Applies to All Ingredients :**Potential Health Effects:**

| | |
|--|---|
| Eye Contact: | May cause moderate eye irritation. |
| Skin Contact: | Has caused allergic skin reactions in humans. A single exposure not likely to cause skin irritation. Prolonged and repeated contact may cause skin irritation with local redness. |
| Inhalation: | Vapors are unlikely due to physical properties. |
| Ingestion: | Very low toxicity if swallowed. Harmful effects not anticipated from swallowingsmall amounts. |
| Chronic Health Effects: | Not Applicable |
| Carcinogenicity: | (CANCER) INFORMATION: Not Applicable |
| Teratogens Information: | TERATOLOGY (BIRTH DEFECT) INFORMATION: Not Applicable |
| Reproductive Toxin Information: | Not Applicable |

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SECTION 4 : FIRST AID MEASURES

: (N/A)

| | |
|----------------------------|--|
| Eye Contact: | Flush eyes thoroughly with water for several minutes. If effects occur, consult a physician,preferably an ophthalmologist. |
| Skin Contact: | Wash skin with plenty of soap and water. |
| Inhalation: | Not Applicable |
| Ingestion: | No emergency medical treatment necessary. |
| Note to Physicians: | Consider additional thorough skin wash with mild, nonabrasive soapand plenty of warm water for at least fifteen minutes. |

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SECTION 5 : FIRE FIGHTING MEASURES

: (N/A)

| | |
|--|---|
| Flash Point: | > 140 deg F |
| Flash Point Method: | Not Applicable |
| Upper Flammable or Explosive Limit: | Not Applicable |
| Lower Flammable or Explosive Limit: | Not Applicable |
| Auto Ignition Temperature: | Not Applicable |
| Extinguishing Media: | FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER |
| Hazardous Combustion Byproducts: | Carbon dioxide, carbon monoxide, oxides ofnitrogen and sulfur. |
| Fire Fighting Instructions: | Respiratory equipment should be worn to avoid inhalation of concentrated vapors. Water shouldnot be used except as fog to keep nearby containers cool. Fire Fighters and others who may beexposed to the products of combustion should be equipped with NIOSH approved positivepressure self-contained breathing apparatus (SCBA) and full protective clothing. |

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Health: 1
Flammability:0
Reactivity:0
Other:

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

: (N/A)

| | |
|--------------------------------|---|
| Spill Cleanup Measures: | Dispose of in normal manner in accordance to all applicable state, federal, and local laws. Not ahazardous waste. |
|--------------------------------|---|

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SECTION 7 : HANDLING and STORAGE

: (N/A)

| | |
|------------------|---|
| Handling: | No special precautions needed. Personal hygiene - Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Professionally launder contaminated clothing before use. Empty container precautions- Do not reuse empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur. |
| Storage: | Temperature - Less than 90 deg F. Conditions - Store in cool, dry, well-ventilated area. |

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

: (N/A)

| | |
|-------------------------------------|--|
| Engineering Controls: | Local exhaust: Use to keep exposures below recommendations. Use if material is heated above 100 deg F. |
| Skin Protection Description: | Appropriate impervious gloves. Because a variety of protective gloves exist, consult glove manufacturer to determine the proper type for the specific operation. |
| Eye/Face Protection: | Safety glasses or goggles. |
| Respiratory Protection: | None required in a well-ventilated area. |

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

: (N/A)

| | |
|---|------------------------------|
| Physical State/Appearance: | THICK PASTE |
| Odor: | Ammonia, Fishy |
| pH: | Not Applicable |
| Vapor Pressure: | Not Applicable |
| Vapor Density: | Not Applicable |
| Boiling Point: | Not Applicable |
| Melting Point: | Not Applicable |
| Solubility: | IN WATER: Insoluble in water |
| Specific Gravity: | 1.9546 |
| Volatile Organic Compound Content: | < 0.1% |

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SECTION 10 : STABILITY and REACTIVITY

: (N/A)

| | |
|--|---|
| Chemical Stability: | This product is stable. |
| Conditions to Avoid: | This product is stable. |
| Incompatibilities with Other Materials: | None. |
| Hazardous Polymerization: | Will not occur. |
| Hazardous Decomposition Products: | HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, aldehydes, acids, oxides of sulfur and nitrogen |

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SECTION 11 : TOXICOLOGICAL INFORMATION

: (N/A)

Applies to all ingredients:

| | |
|----------------------------|----------------|
| Eye Effect: | Not Applicable |
| Skin Effects: | Not Applicable |
| Ingestion Effects: | Not Applicable |
| Inhalation Effects: | Not Applicable |
| Subchronic Effects: | Not Applicable |

Chronic Effects: Not Applicable
 Carcinogenicity: Not Applicable
 Mutagenicity: Not Applicable
 Teratogenicity: Not Applicable
 Reproductive Toxicity: Not Applicable

Polyamide :

Skin Effects: Skin LD(50) Rabbit: > 2000 mg/kg
 Ingestion Effects: Oral LD(50) Rat: > 500 mg/kg
 Inhalation Effects: Inhalation LC(50) (1hr) Rat: > 20 mg/l

Polyamide Resin :

Eye Effect: Eye irritation Rabbit: 75.7 (scale 0-110)
 Skin Effects: Skin Irritation Rabbit: 3.0 (Scale 0-8)
 Ingestion Effects: Oral LD(50) Rat: > 8.0 g/kg

Triethylenediamine :

Skin Effects: SKIN: LD50 > 2,000 mg/kg (Rabbit)
 Ingestion Effects: ORAL: LD50 3200 mg/kg (Rat)
 Inhalation Effects: INHALATION: LC50 (1 h) > 10.1 mg/l

2,4,6-TRIS(DIMETHYLAMINO)METHYL PHENOL :

Ingestion Effects: ORAL LD(50): 1653 mg/kg (rat)
 Inhalation Effects: INHALATION LC(50): > 0.5 mg/L (rat)
 Irritation: SKIN IRRITATION: 8 (scale 0-8) (rabbit)
 EYE IRRITATION: 110 (scale 0-110) (rabbit)

[To Top of page](#)**SECTION 12 : ECOLOGICAL INFORMATION**

: (N/A)

Ecological Paragraph: ECOTOXICOLOGICAL INFORMATION: Not Applicable
 Environmental Fate: CHEMICAL FATE INFORMATION: Not Applicable

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: (N/A)

Waste Disposal: Incinerate in furnace or bury in landfill in accordance with all applicable regulations.
 Not classified as a hazardous waste.

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: (N/A)

DOT Shipping Information: Not DOT regulated.

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: (N/A)

Applies to all ingredients:

TSCA 8(b): Inventory Status: TSCA: All ingredients are TSCA listed.
 Section 312 Hazard Category: SARA HAZARD CATEGORY: Not regulated.
 Section 313 Toxic Release Form: SECTION 313: Not regulated.
 OSHA 29 CFR 1200: OSHA: Not OSHA regulated.
 State: CALIFORNIA PROPOSITION 65:
 This product contains the following chemicals known to the state of California to cause cancer or reproductive toxicity.: None

Canada WHMIS:

The following ingredients are present in this material and are subject to reporting in accordance to the Pennsylvania, New Jersey, and/or Massachusetts Right-to-Know (RTK) laws:
 Barites (CAS 7727-43-7)
 Calcium Carbonate (CAS 1317-65-3)
 CANADIAN WHMIS: DB2 skin sensitizer.

European Community Chemical
Inventory Status:

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): Not Applicable
EINECS listed.

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SECTION 16 : ADDITIONAL INFORMATION

: (N/A)

NFPA:

Health: 1

Fire Hazard: 0

Reactivity: 0

MSDS Revision Date: 1/15/2011

MSDS Author: Created by: I. David Crossan

PREPARED BY: J-B Weld Company

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NFPA Ratings:

PPE: B

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