

# MATERIAL SAFETY DATA SHEET

## Epoxy 400 Part B Fast Cure

### SECTION I

#### Product Identification and General Information

Product Name: Epoxy 400 Part B Fast Cure  
 Product Class: Alkyl Amine  
 HMIS Codes: H F R P  
 2 3 1 G

Date Prepared: 11/10/2009  
 24 Hour Emergency Assistance: Chemtrec  
 1-800-424-9300

### SECTION II

#### Hazardous Ingredients

<u>Hazardous Ingredients</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
1,5 Pentanediamine, 2 Methyl	15520-10-2	N/E	N/E
Benzyl Alcohol	100-51-6	N/E	N/E
Diglycidyl Ether of Bisphenol A	25068-38-6	N/E	N/E
1,3 Cyclohexanedimethanamine	2579-20-6	N/E	N/E
Aminoethyl Piperazine	140-31-8	N/E	N/E

### SECTION III

#### Physical Data

Boiling Point: N/A  
 Vapor Pressure: N/A  
 Vapor Density: Heavier Than Air  
 Specific Gravity: 1.00  
 Percent Volatiles: N/A

Solubility in Water: Moderate  
 Evaporation Rate: N/A  
 Appearance: Clear to Light Yellow  
 Odor: Ammonia

### SECTION IV

#### Fire and Explosion Hazard Data

Flash Point: 240°F  
 Flammable Limits:  
 LEL: N/A  
 UEL: N/A  
 Extinguishing media: Water Fog, Foam, Dry Chemical or CO2.  
 Hazardous Combustion Products: Ammonia, Oxides of Nitrogen, Toxic Fumes.  
 Special Fire Fighting Procedures: Wear full protective clothing including NIOSH approved Self-Contained breathing apparatus.  
 Fire and Explosion Hazards: Exposure to heat will build pressure in container. Cool with water spray.

### SECTION V

#### Reactivity Data

Stability: Stable  
 Hazardous Polymerization: Will not occur  
 Incompatibility: Mineral acids, organic acids and strong oxidizing agents

## SECTION VI

### **Health Hazard Data**

Primary Route of Entry: Dermal, inhalation, eye contact.

Eye Contact: Exposure to liquid or vapors may cause severe eye irritation. Symptoms include tearing, redness, burning, swelling and eye damage.

Skin Contact: May cause skin irritation. Redness, burning and skin damage.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, CNS effects include dizziness, weakness, nausea, headache and possible unconsciousness.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Overexposure: May cause skin sensitization.

## SECTION VII

### **First Aid**

Eyes: Immediately flush eyes with copious amounts of water for 15 minutes. Seek medical attention.

Skin: Immediately remove contaminated clothing. Wipe excess from skin. Wash with plenty of soap and water. Seek medical attention. Do not reuse clothing until thoroughly cleaned.

Ingestion: Do not induce vomiting. Give large quantities of water. Call physician immediately.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention.

Note to Physician: After ingestion, the patient may improve after the initial crisis, but perforation of gastrointestinal tract may occur 2-4 days later with severe abdominal pain, rigidity and tenderness of the abdomen and shock. Strictures of the esophagus may occur.

## SECTION VIII

### **Special Protection Information**

Respiratory Protection: Use appropriate NIOSH approved respirator for organic vapor to prevent overexposure.

Ventilation: Provide sufficient ventilation to maintain exposure below level of overexposure.

Eye Protection: Chemical goggles and full face shield.

Skin Protection: Wear chemical resistant gloves and other clothing as required to prevent any contact with the skin.

## SECTION IX

### **Spill or Leak Procedures**

Steps to be taken if material is released or spilled: Ventilate spill area. Cover with inert, absorbent material and remove to disposal container. Observe all federal, state and local regulations. Do not flush to surface water or sanitary sewer.

Waste Disposal Method: Do not contaminate any lakes, streams, pond or underground water supply. Follow all federal, state and local regulations for disposal.

## SECTION X

### **Shipping Data:**

D.O.T. Shipping Name: Amines, Liquid Corrosive N.O.S.

Technical Shipping Name: Aliphatic Amine

D.O.T. Hazard Class: 8 Corrosive Liquid

UN/NA Number: UN2735

Reportable Quantity: N/A

D.O.T. Labels Required: Corrosive

Freight Class: 55

Packing Group: III