

ABC

**M A T E R I A L S   S A F E T Y   D A T A   S H E E T**

INDUSTRIAL EPOXY BINDER-PART B

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**PRODUCT NAME:** INDUSTRIAL EPOXY BINDER-PART B  
**DUCT CODE:** IEB-B-0000

**HMIS CODES:** H F R P  
 3 1 0 C

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

**MANUFACTURER'S NAME:** Polymerica Inc.  
**ADDRESS:** 609 Fertilla Street  
 Carrollton, GA 30117

**EMERGENCY PHONE:** 1-800-535-5053  
**INFORMATION PHONE:** 770-830-7434

**DATE PRINTED:** 17/10/2001  
**NAME OF PREPARER:** MIKE LOWE

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
Polyoxypropylenediamine	9046-10-0	1 212 F	80% TO 90%
None Established			
1,3-cyclohexanedimethanamine	2579-20-6	14 248 F	10% TO 20%
None Established			

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

**BOILING RANGE:** 428 F - 500 F  
**VAPOR DENSITY:** Not Determined.

**SPECIFIC GRAVITY (H2O=1):** .95  
**EVAPORATION RATE:** Heavier than air  
 (Air=1).

**COATING V.O.C.:** . lb/gl

**MATERIAL V.O.C.:** . lb/gl

**SOLUBILITY IN WATER:** Partial.

**APPEARANCE AND ODOR:** Low viscosity, clear to amber liquid with sharp ammoniacal type odor.

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

**FLASH POINT:** 235 F

**METHOD USED:** COC

**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/D

**UPPER:** N/D

**EXTINGUISHING MEDIA:** Use foam, dry chemical, CO2.

**SPECIAL FIREFIGHTING PROCEDURES**

Wear positive pressure self-contained breathing equipment. Use water to cool containers exposed to fire.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Toxic fumes present when this material is in fire. Containers may rupture.

===== **SECTION V - REACTIVITY DATA** =====

**STABILITY:** Normally Stable.

**CONDITIONS TO AVOID**

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Avoid contact with acids such as Hydrochloric or Sulfuric. Avoid strong oxidizing agents and epoxy resins under

uncontrolled conditions.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

When exposed to fire, oxides of carbon and nitrogen will be generated.

**HAZARDOUS POLYMERIZATION:**

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Can cause severe irritation of respiratory tract.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Corrosive- Can cause burns, vapors can cause irritation.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Corrosive- Can cause burns.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Can cause severe damage to mouth and throat.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

**CARCINOGENICITY:** NTP CARCINOGEN: IARC MONOGRAPHS: OSHA REGULATED:

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Skin contact may aggravate an existing dermatitis (skin condition). Overexposure to vapor, dust or mist may aggravate existing respiratory conditions such as asthma, bronchitis, and inflammatory or fibrotic respiratory disease.

**EMERGENCY AND FIRST AID PROCEDURES**

Eyes: Flush immediately for 15 minutes with large amounts of potable water. Get immediate medical attention.  
 Skin: Flush immediately for 15 minutes with potable water. Remove contaminated clothing. Launder before reuse.  
 Discard contaminated shoes. Get medical attention if swelling and/or irritation occurs.  
 Ingestion: DO NOT induce vomiting. Give milk or water to dilute stomach contents. Get immediate medical attention.  
 Inhalation: Remove to fresh air. Get medical attention if effects persist.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Avoid contact. Allow only personnel wearing goggles, neoprene or rubber gloves, and protective clothing to clean up spill. In confined areas a full face respirator is recommended. Absorb spill with clay, diatomaceous earth or other absorbent material.

**WASTE DISPOSAL METHOD**

Place in covered container for disposal. Dispose in an approved incinerator or an approved landfill in accordance with federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Mechanical ventilation required if TLV is expected to be exceeded in confined areas. Avoid contact. Keep containers tightly closed when not in use. Do not remove labels from empty containers. If mixtures A & B are allowed to remain in mixing vessel past pot life deadline, heat and a strong reaction will result.

**OTHER PRECAUTIONS**

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**===== SECTION VIII - CONTROL MEASURES =====**

**RESPIRATORY PROTECTION**

None needed under normal conditions of use.

**VENTILATION**

Mechanical ventilation is required if TLV is expected to be exceeded in confined areas.

**PROTECTIVE GLOVES**

Wear neoprene or natural rubber gloves.

**EYE PROTECTION**

NIOSH approved safety glasses or goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Body protection as necessary to prevent skin contact. Wash after handling. Provide eye wash fountain and safety shower.

**WORK/HYGIENIC PRACTICES**

Practice good industrial hygiene. Wash with soap and water before eating or smoking.

**===== SECTION IX - DISCLAIMER =====**

The product information contained herein is believed to be accurate as of the date of the Material Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of use of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage or disposal of the product, including any resultant personal injury or property damage.