

MATERIAL SAFETY DATA SHEET

Information Telephone #: (636) 296-2900

Ultradec, Inc.
#12 Tenbrook Industrial Park
Arnold, MO 63010

ALL CHEMICAL EMERGENCIES
1-800-255-3924

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Product Code 8320 B

SECTION I - PRODUCT IDENTIFICATION

Product Code: 8320 B
Trade Name: Hydro Epoxy
Product Class: Mixture
Chemical Family: Water based epoxy emulsion

TLV:

HMIS Rating: Health = Fire = Reactivity =

SECTION II - INGREDIENTS

Ingredients	CAS#	%	TLV
Epoxy Resin			N E

SECTION III - PHYSICAL DATA

Boiling Point:	N/A	Vapor Density:	
Solubility In Water	Emulsion	Vapor Pressure At 20°C	
Volatile %:	71.5%	Specific Gravity:	1.2
Evaporation Rate:	N/A	Appearance:	Color varies, as product is available in decorative hues
Odor		pH:	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: **Flash Point:** **LEL:** **UEL:**

- ◆ **EXTINGUISHING MEDIA:**
- ◆ **SPECIAL FIREFIGHTING PROCEDURES:**
- ◆ **UNUSUAL FIRE & EXPLOSION HAZARDS:**

SECTION V - HEALTH HAZARD DATA

- ◆ **THRESHOLD LIMIT VALUE:**
Not Established
- ◆ **ROUTES OF ENTRY:**
 - Skin: Yes
 - Inhalation: Unlikely at room temperature because of low volatility; if heated, however, may evolve vapors
 - Ingestion: Not a likely route of exposure under normal conditions of use, but small amounts may be ingested by eating, drinking or smoking with unwashed hands after handling product
- ◆ **EFFECTS OF OVEREXPOSURE:**
Prolonged or repeated contact may cause mild skin irritation, sensitization or allergic skin reaction. Contact may cause irritation to eyes. Not likely to produce adverse effects from inhalation or ingestion.
- ◆ **FIRST AID:**
 - Eye Contact: Flush with water for 15 minutes and get medical attention
 - Skin Contact: Remove contaminated clothing and shoes. Wash exposed areas with soap and water. If irritation persists, get medical attention
 - Inhalation: Remove to fresh air
 - Ingestion: Not necessary to induce vomiting, consult a physician

SECTION VI - REACTIVITY DATA

STABILITY: () Unstable (X) Stable

- ◆ **INCOMPATIBILITY:**
Strong Oxidizing Agents
- ◆ **CONDITIONS TO AVOID:**
Storage at elevated temperatures, premature mixing with epoxy resins or mixing in other than recommended proportions
- ◆ **HAZARDOUS DECOMPOSITION PRODUCTS:**
CO, CO₂, Aldehydes and other organics
- ◆ **HAZARDOUS POLYMERIZATION:**
Will not occur

SECTION VII – FIRE AND SPILL / LEAK PROCEDURES

- ◆ **STEPS TO BE TAKEN IF MATERIAL IS SPILLED:**
Cover with absorbent such as sand and collect in containers for disposal. Residual resin may be removed using steam of hot soapy water. Use of Methylene Chloride or other solvents for cleanup poses a distinct hazard and should be avoided. Ventilate area thoroughly and eliminate all sources of ignition. Personnel removing spill should observe all precautions and use appropriate protective equipment
- ◆ **WASTE DISPOSAL PROCEDURES:**
Disposal in accordance with local, state and federal regulations, not a hazardous waste under RCRA
- ◆ **OTHER PRECAUTIONS:**

SECTION VIII - SPECIAL PROTECTION INFORMATION

- ◆ **RESPIRATORY PROTECTION:**
N/A
- ◆ **VENTILATION:**
Local exhaust recommended.
- ◆ **PROTECTIVE GLOVES:**
Cotton work gloves adequate if changed when saturated. Rubber or plastic gloves preferred to minimize skin contact
- ◆ **EYE PROTECTION:**
Chemical safety goggles
- ◆ **OTHER PROTECTIVE EQUIPMENT:**
Eyewash, safety shower, protective clothing and footwear as needed

SECTION IX - SPECIAL PRECAUTIONS

- ◆ **STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**
- ◆ **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**
Avoid all contact with eyes; minimize contact with skin and clothing. If applying material indoors or in a confined space, avoid breathing concentrated vapors and provide plenty of fresh air ventilation. If clothing becomes saturated with material, change rather than allowing prolonged skin contact. Launder contaminated clothing before reuse. Wash thoroughly after handling and before eating, drinking, smoking or using the toilet
Store in tightly closed containers in a cool, dry, well-ventilated area. Follow mix ratio on Product Data Sheet. Thoroughly stir both components before mixing, and continue to stir for at least 5 minutes after mixing to ensure even blending. Read Material Safety Data Sheet for both components before using. **DO NOT FREEZE!** Store above 32° F
- ◆ **WASTE DISPOSAL METHODS:**
Incineration or use other methods of disposal in accordance with local, state and federal regulations
- ◆ **OTHER PRECAUTIONS:**

SECTION X - SUPPLEMENTAL INFORMATION

- ◆ **REGULATORY INFORMATION:**
- ◆ **SARA SECTION 313 LISTED INGREDIENTS:**

PREPARED BY: Product Safety & Compliance Department
#12 Tenbrook Industrial Park
Arnold, Missouri 63010
(636) 296-2900

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