

1. Identification

Product Identifier: **EpoxyBond Curative Part B**
 Product Code(s): EPXBOND CURE
 Use: Amine curative for epoxy system. For Industrial/Professional use only.
 Manufacturer: Polytek Development Corp.
 55 Hilton St., Easton, PA 18042
 Phone Number: 610-559-8620 (9 a.m. to 5 p.m. EST)
 Emergency Phone: CHEMTREC 800-424-9300 or +1 (703) 527-3887
 E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification:

Skin Corrosion/Irritation Category 2
 Eye Damage/Irritation Category 2A
 Skin Sensitization Category 1
 Specific Target Organ Toxicity – Single Exposure Category 3
 Specific Target organ toxicity – Repeated Exposure Category 2

Label Elements: Danger



Hazard Phrases

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H335 May cause respiratory irritation.
 H373 May causes damage to organs if swallowed.

Precautionary Phrases

P202 Do not handle until all safety precautions have been read and understood.
 P260 Do not breathe vapors/mists/spray.
 P264 Wash hands thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace
 P280 Wear protective gloves and eye protection.
 P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+361+353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P304+340 IF INHALED: Remove victim to fresh air and keep at rest position comfortable for breathing.
 P312 Call a POISON CENTER or doctor if you feel unwell.
 P333+313 If skin irritation or rash occurs, Get medical attention.
 P363 Wash contaminated clothing before reuse.
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

Supplemental Information: Read hazard information on epoxy resin component before mixing. Avoid mixing large masses (>1 lb) since reaction is exothermic and can result in dangerous heat buildup.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Polyamide resin	Not Available	25-50
Formaldehyde polymer with toluene	25155-81-1	20
Some exact constituents and concentrations are not available.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation persists.

Inhalation: Remove person to fresh air. Get medical attention if symptoms persist.

Ingestion: Rinse mouth. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

Most Important Symptoms/Effects: May cause eye damage and eye pain, watering and redness.

Indication of Immediate Medical Attention/Special Treatment: Eye pain, watering and redness.

5. Fire-Fighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream. Solid stream of water into hot product may cause violent steam generation or eruption.

Specific Hazards: Not classified as flammable or combustible. Product will burn under fire conditions.

Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors.

Methods and Materials for Containment and Cleanup: Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment.

7. Handling and Storage

Safe Handling: Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep container closed when not in use.

Safe Storage: Store indoors at temperatures below 120°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: None Established

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Respiratory Protection: If ventilation is inadequate, use a properly fitted, NIOSH-approved, air-purifying respirator with organic vapor cartridges. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber and protective clothing/apron.

Eye Protection: Wear chemical safety goggles.

Other Protective Measures: An eye wash facility and washing facility should be available in the work area. Avoid skin contact. Follow good Industrial Hygiene practices.

9. Physical and Chemical Properties

Appearance: Clear, viscous liquid

Odor: Amine

Odor Threshold: No data available

pH: Alkaline

Melting Point: No data available

Boiling Point: No data available

Flash Point: >175°C (estimated)

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: <1 mm Hg @ 25°C (estimated)

Vapor Density: >1 (Air = 1)

Relative Density: 1.0 @ 25°C

Solubility: No data available

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: No data available

10. Stability and Reactivity

Reactivity: No specific data is available for this product.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: When mixed with epoxy resins (e.g., PolyPoxy) in masses exceeding 1 lb, irreversible polymerization with potentially dangerous heat buildup will occur.

Conditions to Avoid: No data available.

Incompatible Materials: Reactive or incompatible with acids and epoxy resins.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition should not occur.

11. Toxicological Information

Eye Contact: Causes serious eye damage.

Skin Contact: Causes skin irritation.

Inhalation: Vapors or mists may cause respiratory irritation.

Ingestion: Harmful if swallowed through prolonged or repeated exposure.

Chronic Health Effects: Not fully determined.

Acute Toxicity Values: Product is considered Acute Toxicity – Oral Category 4 and Acute Toxicity – Dermal Category 4 based on toxicity data for hazardous constituents.

Respiratory Sensitization: Components are not respiratory sensitizers.

Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Components are not known mutagens.

Carcinogenicity: Components are not designated as carcinogens by NTP, IARC, or OSHA.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity: Single exposure: May cause respiratory irritation. Repeated exposure: May cause damage to organs if swallowed.

12. Ecological Information

Ecotoxicity: Product is not considered dangerous to the aquatic environment based on aquatic toxicity data for constituents.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Low potential for bioaccumulation.

Mobility in Soil: No data available.

13. Disposal Considerations

Minimize waste generation. Dispose of with a licensed waste disposal contractor. Do not dispose of down the drain. Dispose according to local, state and federal regulations.

14. Transport Information

U.S.: Not a regulated hazardous material for transport in any mode.

IMDG & IATA: Not a regulated dangerous good for transport by ocean or air.

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887.

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: In package sizes sold by Polytek, this product does not contain reportable quantities of CERCLA 103 chemicals.

SARA TITLE III Section 311/312: Acute/Chronic Health

Section 313 Toxic Chemicals: This product contains no chemicals above *de minimis* levels subject to SARA Title III Section 313 reporting requirements.

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: Components in this product are listed on the TSCA inventory.

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

SDS Revision Notes: Converted to GHS format: May 26, 2015. Supersedes MSDS dated Aug. 8, 2011.

Disclaimer: The information contained herein is considered accurate; however, Polytek® makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.