

1. Identification

Product Identifier: **PolyPoxy® 5008-2 Laminating Epoxy Hardener**
PolyPoxy® 5010 Laminating Epoxy Hardener

Product Code(s): BC50082H, BC5010H

Use: Epoxy Curing Agent. For Industrial/Professional use only.

Manufacturer: Polytek Development Corp.
 55 Hilton Street, Easton, PA 18042

Phone Number: 610-559-8620 (8 a.m. to 6:30 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 Irritation – Category 2
 Eye Irritation – Category 1
 Specific Target Organ Toxicity Repeat Exposure – Category 2
 Hazardous to the Aquatic Environment – Short-Term Hazard Category 2

Label Elements: Danger



Hazard Phrases:

H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H401 Harmful to aquatic life.

Precautionary Phrases:

P260 Do not breathe vapors.
 P264 Wash thoroughly after handling.
 P273 Avoid release to the environment.
 P280 Wear protective gloves.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P317 Get medical help.
 P319 Get medical help if you feel unwell.
 P332+P317 If skin irritation occurs: Get medical help.
 P362+P364 Take off contaminated clothing and wash before reuse.
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

Supplemental Information: This is one part of a two-part system. Read and understand the hazard information on part A before using.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Triethylenetetramine, propoxylated	26950-63-0	60-70
Triethylenetetramine	112-24-3	20-30
Triphenyl Phosphite	101-02-0	10-15
Other ingredients are not classified as health, physical or environmental hazards, or are present below cut-off/concentrations limits.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water for at least 15 minutes, holding the eyelids open to be sure the material is washed out. Remove

contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation or symptoms of exposure develop. Launder clothing before re-use. Discard items that cannot be decontaminated.

Inhalation: If inhaled, remove person to fresh air. Give artificial respiration if needed. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention if symptoms develop or persist.

Ingestion: Rinse mouth. Get medical attention if you feel unwell.

Most Important Symptoms/Effects: Causes severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause skin irritation. Symptoms include redness and pain.

Indication of Immediate Medical Attention/Special Treatment:

Provide general supportive measures and treat symptomatically. Keep victim under observation as symptoms may be delayed.

5. Fire-Fighting Measures

Extinguishing Media: Use alcohol-resistant 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. May generate ammonia gas or toxic nitrogen oxide gases. 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: Remove all ignition sources. Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors. Ventilate area.

Methods and Materials for Containment and Cleanup: Do not discharge material into waterways. Cover with an inert absorbent material and collect into an appropriate container for disposal.

7. Handling and Storage

Safe Handling: Avoid contact with eyes, skin and clothing. When using, do not eat, drink, or smoke. Use with properly positioned local exhaust ventilation to prevent exposure. Wash thoroughly after handling. Keep container closed when not in use.

Safe Storage: Store indoors at temperatures between 55°F and 95°F. Store in original, unopened containers away from incompatible materials.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: None known.

Ventilation: Use with properly positioned local exhaust ventilation to prevent exposure and maintain air levels below the occupational exposure limits.

Respiratory Protection: If ventilation is not adequate, use an approved respirator with organic vapor cartridges or supplied air. Respirator selection and use should be based on contaminant type, form and concentration. For higher exposures or in an emergency, use a supplied-air respirator.

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety goggles.

Other Protective Measures: Wear impervious clothing to prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and Chemical Properties

Appearance: Liquid, amber
Odor: Fishy
Odor Threshold: No data available
pH: Not applicable
Melting Point/Freezing Point: No data available
Boiling Point: No data available
Flash Point: >199.9°F
Evap. Rate: No data available
Flamm. Limits: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Relative Density: 1.0 g/cm³
Solubility: Insoluble in water
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: Not normally reactive.
Chemical Stability: Stable under recommended conditions.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: No data available.
Incompatible Materials: Avoid strong acids, mineral acids, and strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitric acid, ammonia, nitrogen oxides, nitrosamine.

11. Toxicological Information

Eye Contact: Causes serious eye damage.
Skin Contact: Causes skin irritation.
Inhalation: May cause minor respiratory irritation.
Ingestion: No data available.
Chronic Health Effects: May cause damage to organs through prolonged or repeated exposure.
Acute Toxicity Values: For triphenyl phosphite (CAS 101-02-0):
Oral LD₅₀ Rat: 1,590 mg/kg
Dermal LD₅₀ Rabbit: >2,000 mg/kg
Inhalation LD₅₀ Rat: >6.7 mg/L
Respiratory Sensitization: This product is not considered a respiratory sensitizer.
Skin Sensitization: This product is not considered a respiratory sensitizer.
Germ Cell Mutagenicity: This product is not considered a mutagen.
Carcinogenicity: Product has not been tested for carcinogenicity. No ingredients are designated as carcinogens by NTP, IARC, or OSHA.
Reproductive Toxicity: This product is not classified as a reproductive toxin.
Specific Target Organ Toxicity: Not classified based on available data.

12. Ecological Information

Ecotoxicity: Harmful to aquatic life with long-lasting effects.
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, state and federal regulations.

14. Transport Information

U.S. DOT: UN3082, Environmentally hazardous liquid, n.o.s (triphenyl phosphite), 9, III
IMDG: UN3082, Environmentally hazardous liquid, n.o.s (triphenyl phosphite), 9, III
AIR/IATA: UN3082, Environmentally hazardous liquid, n.o.s (triphenyl phosphite), 9, III
Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:
CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements.
SARA TITLE III Section 311/312: Acute and Chronic Health Hazard
Section 313 Toxic Chemicals: This product contains no chemicals subject to SARA Title III Section 313 Reporting requirements.
Section 302 Extremely Hazardous Substances (TPQ): None
EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA.
STATE REGULATIONS:
California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm. www.P65Warnings.ca.gov

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 use only.
SDS Revision Notes: GHS Format, November 14, 2019
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.