

1. Identification

Product Identifier: **PolyPoxy® 9024 Fast Set Epoxy Adhesive Hardener**
PolyPoxy® 9024 Epoxy Gel Hardener
PolyPoxy® 9024-15 Epoxy Adhesive Hardener

Product Code(s): BC9024H, BC9024HGEL, BC902415H
 Use: Epoxy Curing Agent. For Industrial/Professional use only.

Manufacturer: Polytek Development Corp.
 2140 Earlywood Drive, Franklin, IN 46131

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:

Acute Toxicity – Oral – Category 4
 Skin Irritation – Category 2
 Eye Irritation – Category 2
 Skin Sensitization – Category 1B

Label Elements: Warning



Hazard Phrases:

H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.

Precautionary Phrases:

P261 Avoid breathing vapors.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves.
 P301+P317 IF SWALLOWED: Get medical help.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P330 Rinse mouth.
 P332+P317 If skin irritation occurs: Get medical help.
 P333+P317 If skin irritation or rash occurs: Get medical help.
 P362+P364 Take off contaminated clothing and wash before reuse.
 P337+P317 If eye irritation persists: Get medical help.
 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 #	%
2,4,6-tris-(dimethylaminomethyl)-phenol	90-72-2	5-20
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 skin and eye irritation. May cause allergic skin reaction in sensitized persons. Symptoms include skin rash.

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 foam, carbon dioxide, dry chemical, or water fog. 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. Do not allow run-off from firefighting to enter drains or waterways.

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: Do not taste or swallow. 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. Do not eat, drink or smoke in the work area. Keep container closed when not in use. Persons susceptible to skin sensitization problems should not use this product.

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 or faceshield.

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: Clear liquid

Odor: Mercaptan-like

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: 1.13 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: 1,000-1,600 cps

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Avoid heat, hot surfaces, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point.

Incompatible Materials: Avoid strong oxidizing agents.

Hazardous Decomposition Products: None known.

11. Toxicological Information

Eye Contact: Causes serious eye irritation.

Skin Contact: Causes skin irritation. Skin contact may cause an allergic skin reaction.

Inhalation: May cause minor respiratory irritation.

Ingestion: Harmful if swallowed.

Chronic Health Effects: No data available.

Acute Toxicity Values: For 2,4,6-tris-(dimethylaminomethyl)-phenol (CAS 90-72-2):

Oral LC50 Rat: 2,169 mg/kg

Respiratory Sensitization: This product is not considered a respiratory sensitizer.

Skin Sensitization: May cause allergic skin reaction.

Germ Cell Mutagenicity: Product has not been tested for mutagenicity. No ingredients are classified as mutagens.

Carcinogenicity: Product has not been tested for carcinogenicity. No ingredients are designated as carcinogens by NTP, IARC, or OSHA.

Reproductive Toxicity: Product has not been tested for reproductive toxicity. No ingredients present above cut-off levels are classified as reproductive toxins.

Specific Target Organ Toxicity: Not classified based on available data.

12. Ecological Information

Ecotoxicity: No data available. Do not release into waterways.

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: Not regulated for transport by truck.

IMDG: Not regulated for transport by sea.

AIR/IATA: UN3334, Aviation regulated liquid, n.o.s. (mercaptan-terminated polymer), 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 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.

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.