

1. Identification

Product Identifier: PolyBond Urethane Adhesive Part B
Product Code(s): POLYBONDB
Use: Component for liquid polyurethane adhesive.
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: Not classified as hazardous.

Label Elements: Not classified as hazardous.

Supplemental Information: May cause mild eye and skin irritation.
Avoid contact with eyes, skin and clothing.

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 #	%
Oligomeric diamine	Trade secret	100

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: If breathing is difficult, remove person to fresh air and keep comfortable. If experiencing respiratory symptoms: Call a doctor.

Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision.

Most Important Symptoms/Effects: Mild skin and eye irritation.

Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.

Specific Hazards: Not classified as flammable or combustible. May generate toxic/irritating compounds and dense smoke in fire conditions.

Special Protective Equipment and Precautions for Fire-Fighters: Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate protective clothing to prevent eye and skin contact.

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment. Absorb spilled material with an inert absorbent. Collect and containerize material. Dispose of residue in accordance with state and local regulations.

7. Handling and Storage

Safe Handling: Avoid breathing vapor. Use in well ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See Section 8.

Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Exposure Limits: No OSHA or ACGIH exposure limits apply.

Engineering Controls: Provide general and local exhaust to minimize airborne concentrations.

Personal Protective Equipment: Wear eye protection (e.g., safety glasses) and impermeable gloves (e.g., nitrile or butyl rubber). In the absence of good ventilation, use respirator equipped with organic vapor cartridges.

Other Protective Measures: An eyewash and washing facility should be available in the work area.

9. Physical and Chemical Properties

Appearance: Light yellow liquid

Odor: Slight

Odor Threshold: No data available

pH: 9

Melting Point: 20°C (68°F)

Boiling Point: >482°F (>250°C)

Flash Point: >315°F (>157°C)

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: ≤5 mm Hg @ 21°C

Vapor Density: No data available

Relative Density: 1 @ 25°C

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: Stable under normal conditions.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: Reaction with strong oxidizers generates heat.

Conditions to Avoid: Excessive heat and exposure to sunlight.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon.

11. Toxicological Information

Eye Contact: May cause mild irritation.

Skin Contact: May cause mild irritation.

Inhalation: Vapors or mists may cause mild respiratory irritation.

Ingestion: Single oral dose toxicity is low. Large amounts may cause gastrointestinal effects. No other data available.

Chronic Health Effects: None known.

Acute Toxicity Values: Oral rat LD50 ≥5,000 mg/kg; Skin rabbit LD50 >2,000 mg/kg

Germ Cell Mutagenicity: Components are not known mutagens.

Carcinogenicity: Components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.

Reproductive Toxicity: Components are not known or suspected reproductive toxins.

Specific Target Organ Toxicity: No data available

12. Ecological Information

Ecotoxicity: Not expected to be dangerous to aquatic organisms.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, state and federal regulations. Do not dump into sewers, waterways or on the ground. Upon disposal, this product is not a RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

Not regulated for transport in any mode.

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

15. Regulatory Information

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Not Hazardous

Section 313 Toxic Chemicals: 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: Components of this product are listed on the TSCA inventory.

STATE REGULATIONS:

California Proposition 65: This product is not known to contain substances known to the State of California to cause cancer and/or 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 or professional use only.

SDS Revision Notes: May 29, 2015: new GHS classification and format. Supersedes Nov. 19, 2007.

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.