

1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610/559-8620

Product Name: **POLYBOND URETHANE ADHESIVE PART B**

Chemical Family: Proprietary Aromatic Amine

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Proprietary Aromatic Amine	None established

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Skin or eye contact, inhalation or ingestion

EYE: May cause eye irritation.

SKIN: Exposure may cause mild skin irritation and/or redness.

INGESTION: May cause nausea, vomiting, and diarrhea.

INHALATION: May cause respiratory irritation.

CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.

CHRONIC EFFECTS: Repeated or prolonged exposure may cause adverse respiratory effects.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Asthma, chronic respiratory disease

4. First Aid Measures

EYE CONTACT: Flush with water for 15 minutes. Seek medical attention.

SKIN CONTACT: Wipe off. Wash with soap and plenty of warm water. Seek medical attention if irritation develops.

INHALATION: Remove to fresh air. Treat symptomatically. Seek medical attention.

INGESTION: Seek medical attention. Note to Physicians: Remove stomach contents by gastric suction or induce vomiting. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

FLASH POINT: >312°F (closed cup)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam, or water spray.

HAZARDOUS COMBUSTION PRODUCTS: Likely to include carbon monoxide, carbon dioxide, nitrogen oxides, formaldehyde, and unidentified toxic and irritating compounds.

OTHER INFORMATION: Firefighters wear protective gear and self-contained breathing apparatus (SCBA). A direct stream of water or foam into hot product may cause frothing and increase fire intensity.

6. Accidental Release Measures

Clear non-emergency personnel from the area. Remove sources of ignition. Contain spill to minimize environmental contamination. Absorb spilled material with non-reactive absorbent such as sawdust, vermiculite, or sand. Collect and containerize spill material. Dispose of in accordance with federal, state and local regulations.

7. Handling and Storage

HANDLING: Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Use in adequately ventilated area. Do not eat, drink or smoke in work area. Wash hands after handling. See also Section 8 of MSDS.

STORAGE: Store at room temperature in original container tightly closed. Avoid excessive temperatures (hot or cold).

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust to minimize airborne concentrations.

PERSONAL PROTECTIVE EQUIPMENT: Eye protection (e.g., chemical splash goggles), protective clothing and chemically resistant gloves (e.g., nitrile) are recommended.

RESPIRATORY PROTECTION: In the absence of good ventilation, or if vapors or mists are generated (e.g., through heating or spraying), use respirator equipped with organic vapor cartridges. In emergency situations, use SCBA.

9. Physical Characteristics

APPEARANCE: Amber liquid

VAPOR PRESSURE: Negligible

ODOR: None

SOLUBILITY IN WATER: Negligible

BOILING POINT: >480 °F

SPECIFIC GRAVITY: 1.0 @ 25°C

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid heat (>80°F) and exposure to sunlight. Avoid moisture to protect product integrity.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers, isocyanates, and acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Potentially oxides of carbon and nitrogen, organic acids, and other unidentified irritating or toxic compounds

11. Regulatory and Other Information

COMMUNITY RIGHT-TO-KNOW: This product does not contain any compounds above the *de minimis* reporting levels subject to SARA Section 313 reporting requirements.

DISPOSAL: Upon disposal, this product is not a listed or characteristic RCRA hazardous waste as defined in 40 CFR 261. Dispose of in accordance with state and local regulations.

TRANSPORT: Not a hazardous material for shipping in U.S., per 49 CFR Part 171.

EMERGENCY SHIPPING INFORMATION: Call CHEMTREC, 800/424-9300.

MSDS REVISION INDICATOR: Minor format changes.

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.