

1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610/559-8620
Product Name: **POLYFOAM R-2, R-5 AND R-8 RIGID CASTING FOAM PART B**
Chemical Family: Polyol

2. Hazardous Constituents

Ingredient/CAS #	Exposure Limits
Polyether Polyol (not OSHA "hazardous")	None established
Phthalate ester (0-15%)	None established
Water (<3%)	Not established

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Skin or eye contact
EYE: May cause eye irritation.
SKIN: May cause skin irritation.
INGESTION: May cause gastric disturbances.
INHALATION: May result in respiratory tract irritation.
CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.
CHRONIC EFFECTS: None known

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 symptoms. Seek medical attention.
INGESTION: Seek medical attention.

5. Fire Fighting Measures

FLASH POINT: > 400°F (estimated)
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam, or water fog.
HAZARDOUS COMBUSTION PRODUCTS: Likely to include carbon monoxide, carbon dioxide, nitrogen oxides, and unidentified toxic and irritating compounds.
OTHER INFORMATION: Firefighters wear protective gear and self-contained breathing apparatus (SCBA).

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. 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: Safety glasses or chemical splash goggles, chemically-resistant gloves (e.g., nitrile), and protective clothing.
RESPIRATORY PROTECTION: During normal use with good ventilation, respiratory protection is not normally needed. In an emergency use a supplied-air respirator, or, if unavailable, a respirator equipped with organic vapor cartridges.

9. Physical Characteristics

APPEARANCE: Amber liquid
ODOR: Slight
BOILING POINT: No data
VAPOR PRESSURE: Negligible
SOLUBILITY IN WATER: Negligible
SPECIFIC GRAVITY: 1.1 @ 71°F

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid heat (>80°F) and moisture to protect product integrity.
INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers, isocyanates, and acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Potentially oxides of carbon, nitrogen oxides, organic acids, and other unidentified irritating or toxic compounds

11. Regulatory and Other Information

COMMUNITY RIGHT-TO-KNOW: This product does not contain compounds above the *de minimis* reporting levels subject to SARA Section 313.
DISPOSAL: Do not dispose of on the ground, or into sewer system or any body of water. This product is not a RCRA hazardous waste (per 40 CFR 261). Upon reacting with Part A, product forms an inert, non-hazardous solid. Dispose of in accordance with state and local regulations.
TRANSPORT: Not a hazardous material for shipping purposes based on *United Nations Recommendations for the Transport of Dangerous Goods* and 49 CFR Part 171.
EMERGENCY SHIPPING INFORMATION: Call CHEMTREC, 800/424-9300.
EUROPEAN CLASSIFICATION: No Danger Symbol applies.

REVISION INDICATOR: Combined all Rigid Foam products on same MSDS. Also, 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.