

1. Chemical Product and Company Identification

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

Product Name: **74-SERIES PART B**
74-20B, 74-24B 74-29B, 74-29 WHITE B, 74-30B, 74-30 CLEAR B,
74-30 HT B, 74-40B, 74-41B, 74-44B, 74-45B, 74-50B, 74-55B

Chemical Family: Polyol

2. Hazardous Constituents

Ingredient	Exposure Limits
Aromatic amine (<15%)	None established
Polyalkylene polyols	None established
Phthalate ester	None established

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Skin and eye contact

EYE: May cause eye irritation.

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

INGESTION: Potentially toxic by ingestion. May cause gastrointestinal discomfort if ingested.

INHALATION: At room temperature, vapors are minimal and material is not expected to be an inhalation hazard. Vapors or aerosols (e.g., generated during heating or spraying) may cause respiratory irritation.

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

CHRONIC EFFECTS: For aromatic amine, a two-year rat feeding study caused effects in the pancreas, liver, thyroid and eyes; and, in rare instances, sensitization has been reported in humans.

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 if symptoms persist.

INGESTION: If alert, drink water to dilute, then induce vomiting. Seek medical attention.

5. Fire Fighting Measures

FLASHPOINT: >300°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, formaldehyde, and unidentified toxic and irritating compounds.

OTHER INFORMATION: Firefighters wear protective gear and self-contained breathing apparatus. A direct stream of water/foam into product may cause frothing & 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 indoors. Do not exceed 120°F. Store in original container tightly closed.

8. Exposure Controls/Personal Protection

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

PERSONAL PROTECTIVE EQUIPMENT: Wear eye protection (e.g., safety glasses or chemical splash goggles), protective apron, and impermeable gloves (e.g., nitrile or PVC-coated).

RESPIRATORY PROTECTION: When hand-mixing with adequate local exhaust, respiratory protection is not normally needed. For other applications (e.g., heating or spraying), use a respirator equipped with organic vapor cartridges and HEPA filters or a supplied-air respirator. In emergencies, use SCBA. Respirators must be used in compliance with OSHA's respiratory protection standard (29 CFR 1910.134).

9. Physical Characteristics

APPEARANCE: Liquid, colors vary

VAPOR PRESSURE: < 1 mm Hg @ 25°C

ODOR: Mild

SOLUBILITY IN WATER: Negligible

BOILING POINT: No data

SPECIFIC GRAVITY: ~1.0 @ 25°C

pH: Not applicable

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid excessive heat and exposure to sunlight.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers, acids, organic sulfur compounds, and aluminum.

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 RCRA hazardous waste as defined in 40 CFR 261. Dispose of in accordance with state and local regulations.

DOT TRANSPORT: Not a hazardous material for shipping purposes based on 49 CFR Part 171.

IMDG TRANSPORT: For 74-40B, 74-41B, 74-44B, 74-50B and 74-55B: UN 3082, Environmentally hazardous substance, liquid, n.o.s. (aromatic diamine), 9, PG III, Marine Pollutant.

HMIS RATINGS: Health=1; Flammability=1; Reactivity=0; PPE=C

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

REVISION NOTES: Minor correction to IMDG transport information (Sect. 11).

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.