

1. Chemical Product and Company Identification

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

Product Name: **POLY 75-59, 75-60, 75-70, 75-75, 75-81 & 75-90 PART B**

Chemical Family: Polyol and Amine Blend

2. Hazardous Constituents

Ingredient	Exposure Limits
Aromatic amine (<20%)	None established
Polyalkylene polyols	None established
Phthalate ester	None established

3. Health Hazards

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

EYE: May cause eye irritation.

SKIN: Exposure may cause skin irritation and/or redness. Can be absorbed through skin.

INGESTION: May be harmful. May cause gastrointestinal discomfort if ingested. Can be absorbed through gastrointestinal tract.

INHALATION: At room temp., 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: A constituent in this product has been linked to pancreas, liver, thyroid and eye effects in rats in a two-year feeding study.

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

5. Fire Fighting Measures

FLASH POINT: >330°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 (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 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., chemical splash goggles or safety glasses), and impermeable gloves (e.g., nitrile rubber).

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: Clear amber liquid, except 75-70 B is opaque gray liquid, and 75-90 is tan to brown opaque liquid

ODOR: Mild amine odor

VAPOR PRESSURE: < 0.1 mmHg @ 25°C

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: ~1.0 @ 25°C

BOILING POINT: No data

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: 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.

DOT TRANSPORT: Not a hazardous material for transport per 49 CFR Part 171.

IMDG TRANSPORT: UN 3082, Environmentally hazardous substance, liquid, n.o.s. (aromatic diamine), 9, PG III, Marine Pollutant. (With the exception of 75-70B, which is NOT regulated for transport by IMDG.)

HMS RATING: Health-2; Flammability-1; Reactivity-0; PPE- C

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

REVISION INDICATOR: Updated Section 2 and added IMDG Transport information to Section 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.