

Polytek®

MATERIAL SAFETY DATA SHEET

Development Corp.

1. Chemical Product/Company Identification

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

Product Name: POLYGEL 40 Part B and POLYGEL 50 Part B

Chemical Family: Trade secret blend of polyol and aromatic diamine

2. Hazards Identification

Ingredient/CAS

Polyol

Aromatic diamine

Proprietary aryl mercury compound (0.2%)

OSHA PEL 0.1 mg/m³ (Ceiling)

Exposure Limits

None established

None established

ACGIH TLV 0.1 mg/m³ TWA

OSHA PEL 0.1 mg/m³ (Ceiling)

3. Composition/Information on Ingredients

Engineering Controls

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.

as sawdust, vermiculite, or sand. Collect and containerize spill material. Dispose of in accordance with federal, state and local regulations.

PROTECTIVE EQUIPMENT: Provide general and/or local exhaust to minimize airborne concentrations.

PERSONAL PROTECTIVE EQUIPMENT: Eye protection (e.g., chemical splash goggles), protective clothing and PVC-coated gloves 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.

APPEARANCE: Brown translucent liquid

VAPOR PRESSURE: < 1 mm Hg @ 25°C

ODOR: Mild odor

SOLUBILITY IN WATER: Negligible

BOILING POINT: No data

SPECIFIC GRAVITY: ~1.0 @ 25°C

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

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

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

SARA SECTION 313: This product contains the following Section 313 ingredient:

Ingredient CAS # Weight %

Mercury Compound Trade secret <0.2

RCCA: Upon disposal, this product (incurred) is a characteristic RCRA hazardous waste (D009 - owing to mercury content) as defined in 40 CFR 261. Cured materials may be RCRA-regulated for mercury. Dispose of in accordance with federal, state and local regulations.

CA PROPOSITION 65: "WARNING: This product contains a chemical [mercury] known to the State of California to cause birth defects or other reproductive harm."

DOT: 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 CHEMIREC, 800/424-9300.

REVISION INDICATOR: Revised Sections 2, 3 and 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.

5. 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