

1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610-559-8620
Product Name: **POLY 1511, 1512 & 1512X PART B**
Chemical Family: Polyol Blend

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Aryl mercury compound (<0.3%)	ACGIH TLV 0.1 mg/m ³ TWA OSHA PEL 0.1 mg/m ³ (Ceiling)
Phthalate ester	None established

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Skin and eye contact, ingestion
EYE: May cause eye irritation.
SKIN: Exposure may cause skin irritation and/or redness.
INGESTION: Toxic by ingestion owing to mercury compound. May cause gastrointestinal discomfort if ingested.
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: Long-term overexposure to mercury has been associated with central nervous system and kidney disorders.

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: >390°F (estimated)
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam, or water fog.
HAZARDOUS COMBUSTION PRODUCTS: Likely to include carbon monoxide, carbon dioxide, mercury vapor, 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. Put on protective equipment (see Sect. 8). 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 (see Sect. 11).

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.
STORAGE: Store indoors. Do not exceed 120°F. Store in original container tightly closed.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: General and/or local exhaust to minimize airborne concentrations.
PERSONAL PROTECTIVE EQUIPMENT: Wear eye protection (e.g., chemical splash goggles), protective clothing and impermeable gloves (e.g., nitrile or butyl 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: White opaque liquid
ODOR: Mild odor
BOILING POINT: No data
SOLUBILITY IN WATER: Negligible
SPECIFIC GRAVITY: 1.0 @ 25°C
VAPOR PRESSURE: < 0.1 mm Hg (estimated)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid moisture and temperatures >80°F.
INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Potentially oxides of carbon, organic acids, mercury vapor, and other unidentified irritating or toxic compounds

11. Regulatory and Other Information

COMMUNITY RIGHT-TO-KNOW: This product contains the following Section 313 ingredient:

<u>Ingredient</u>	<u>CAS #/Category</u>	<u>Weight %</u>
Mercury Compound	N458	<0.3

DISPOSAL: Upon disposal, uncured Part B is a characteristic RCRA hazardous waste owing to mercury content (D009 as defined in 40 CFR 261). Part B properly cured with its Part A counterpart requires testing to determine if it is RCRA hazardous waste under 40 CFR 261. Dispose of in accordance with state and local regulations.

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

TRANSPORT: These products are not DOT hazardous material based on *United Nations Recommendations for the Transport of Dangerous Goods* and 49 CFR Part 171.

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

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

MSDS REVISION INDICATOR: Deleted 1510 – discontinued. Modified 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.