

1. Chemical Product and Company Identification

Polytek Development Corp., 55 Hilton St., Easton, PA 18042, 610/559-8620
Product Name: **POLY 15 PART X (CATALYST)**
Chemical Family: Plasticizer

2. Hazardous Constituents

<u>Ingredient</u>	<u>Exposure Limits</u>
Phthalate ester	None established
Trade secret urethane catalyst	None established

3. Health Hazards

PRIMARY ROUTE(S) OF ENTRY: Skin or eye contact
EYE: May cause mild eye irritation.
SKIN: Excessive contact may cause mild irritation.
INGESTION: May cause nausea, vomiting, and diarrhea.
INHALATION: Due to low vapor pressure, inhalation hazard is low. But, if product is heated or sprayed, it may be irritating to mucous membranes and upper respiratory tract.
CARCINOGENICITY: Not designated as a carcinogen by NTP, IARC, or OSHA.
CHRONIC EFFECTS: Not fully determined.

4. First Aid Measures

EYE CONTACT: Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops or persists.
SKIN CONTACT: Wash with soap and water. Seek medical attention if irritation develops.
INHALATION: No specific treatment is necessary since the material is not likely to be hazardous by inhalation. If exposed to excessive levels of vapors or mists, remove to fresh air and get medical attention if cough or other symptoms develop.
INGESTION: If alert, give 1-2 glasses of water or milk. Induce vomiting. Call a physician.

5. Fire Fighting Measures

FLASH POINT: Approx. 400 °F
EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, or dry chemical.
HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, organic acids
OTHER INFORMATION: Firefighters wear full protective clothing and self-contained breathing apparatus (SCBA). Water or foam may cause frothing.

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: Keep container closed when not in use.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide local exhaust to minimize airborne concentrations.
PERSONAL PROTECTIVE EQUIPMENT: Eye protection and rubber gloves are recommended.
RESPIRATORY PROTECTION: If excessive vapors or mists are generated (e.g., through heating or spraying), use respirator equipped with organic vapor cartridges. Use a positive pressure air-supplied respirator for uncontrollable releases of when air purifying respirator limitations may be exceeded. Follow OSHA 29 CFR 1910.134 for all respirator use.

9. Physical Characteristics

APPEARANCE: Clear colorless liquid ODOR: Mild
BOILING POINT: Approx. 485 °F @ 5 mm Hg SOLUBILITY IN WATER: Negligible
VAPOR PRESSURE: Negligible SPECIFIC GRAVITY: 0.973 @ 25 °C
% VOLATILES BY VOL.: Negligible pH: Not applicable

10. Stability and Reactivity

CONDITIONS TO AVOID: Sparks and open flames
INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers and strong bases
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, and organic acids and dense smoke

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 (per 40 CFR 261). Upon exposure to moisture, product forms an inert, non-hazardous solid.
TRANSPORT: Not a hazardous material for shipping in U.S., per 49 CFR Part 171.
TSCA: Components of this product are on the TSCA Inventory.
HMIS RATINGS: Health 1, Flammability 1, Reactivity 0
EMERGENCY SHIPPING INFORMATION: Call CHEMTREC 800/424-9300.
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.