

## 1. Chemical Product and Company Identification

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

Product Name: **POLY-OPTIC® 14-SERIES PART X (ACCELERATOR)**

Chemical Family: Plasticizer and Organotin Catalyst

## 2. Hazardous Constituents

Ingredient/CAS #	Exposure Limits
Organic tin compound	ACGIH TLV 0.1 mg/m <sup>3</sup> TWA; 0.2 mg/m <sup>3</sup> STEL OSHA PEL 0.1 mg/m <sup>3</sup>
Phthalate ester	None established

## 3. Health Hazards

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

EYE: May cause severe eye irritation and possibility of permanent injury.

SKIN: May cause severe irritation, burns and permanent injury.

INGESTION: Highly toxic by ingestion.

INHALATION: May cause respiratory tract irritation and scarring to contacted tissue.

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

CHRONIC EFFECTS: Repeated or prolonged exposure can cause sore throat, eye irritation, nausea, faintness, headache, liver disorders, kidney disorders, nervous system disorders, and adverse skin, respiratory, and eye effects.

## 4. First Aid Measures

EYE CONTACT: Flush with water for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Wipe off and remove contaminated clothing. Flush with warm water for at least 15 min. Except in the case of minor exposures, cover affected area with sterile dressing and seek medical attention.

INHALATION: Remove to fresh air. If symptoms develop, seek medical attention.

INGESTION: Seek medical attention immediately.

## 5. Fire Fighting Measures

FLASH POINT: > 400°F (estimated)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, halon, foam, or water fog.

HAZARDOUS COMBUSTION PRODUCTS: Likely to include carbon monoxide and carbon dioxide and other toxic and irritating fumes.

OTHER INFORMATION: Firefighters avoid skin contact, wear full protective gear and self-contained breathing apparatus (SCBA). Keep containers cool with water spray.

## 6. Accidental Release Measures

Clear non-emergency personnel from the area. Stop the spill if possible. Remove sources of ignition. Put on protective equipment (see Sect. 8). 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: Prevent contact with eyes, skin and clothing through careful handling and protective clothing (see Sect. 8). Avoid breathing vapor. Use in adequately ventilated area. Have an accessible eyewash station. Do not eat, drink or smoke in work area. Wash hands after handling. STORAGE: Store in a cool, dry, well-ventilated area 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 protective clothing (rubber apron, long sleeves), chemical splash goggles, and butyl rubber gloves.

RESPIRATORY PROTECTION: During normal industrial use, respiratory protection is not usually needed. 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 yellow liquid

VAPOR PRESSURE: Not determined

ODOR: Slight vinegar odor

SOLUBILITY IN WATER: Negligible

BOILING POINT: Not determined

SPECIFIC GRAVITY: ~1.0 @ 25°C

## 10. Stability and Reactivity

CONDITIONS TO AVOID: Excessive heat.

INCOMPATIBILITY WITH OTHER MATERIALS: Mineral acids and oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide

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

TRANSPORT: Corrosive liquid, acidic, organic, n.o.s. (dibutyltin compound), 8, UN3265, III; except 1 oz. containers are not subject to HMR per small quantity exception (49 CFR 173.4).

HMIS: Health=2; Flammability=1; Reactivity=0; PPE=C

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

REVISION INDICATOR: Minor format changes.

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.