

Development Corp.

1. Chemical Product and Company Identification

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

Product Name: **UV ADDITIVE**

Chemical Family: Amine

2. Hazardous Constituents

Hazardous Ingredient/CAS #	Exposure Limits
Hindered amine light, 41556-26-7	None established
Proprietary Mixture (NJTSR 99-00560)	None established
Triethyleneglycol bis(3-(3'-tert-butyl-4'-hydroxy-5'-methylphenyl) propionate, 36443-68-2	None established

3. Health Hazards

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

EYE: May cause eye irritation.

SKIN: May cause skin irritation. Causes skin sensitization (20/20 animals sensitized in epidermal challenge).

INGESTION: May cause irritation of the mouth, throat and stomach.

INHALATION: May cause respiratory tract irritation.

CHRONIC EFFECTS: May affect embryo-fetal survival. May harm liver and kidneys.

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

4. First Aid Measures

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

SKIN CONTACT: Wash with water for at least 15 minutes. Seek medical attention if irritation develops.

INHALATION: Remove to fresh air. Treat symptoms.

INGESTION: Induce vomiting. Seek medical attention.

5. Fire Fighting Measures

FLASH POINT: 225 °F (PMCC)

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, alcohol foam, or water spray.

HAZARDOUS COMBUSTION PRODUCTS: May include carbon monoxide, carbon dioxide, nitrous oxides, ammonia, and irritating organic acids.

OTHER INFORMATION: Firefighters wear SCBA and full protective clothing. Use water spray to keep containers cool. Prevent water pollution by minimizing runoff.

6. Accidental Release Measures

Clear non-emergency personnel from the area. Cleanup personnel wear respiratory protection and protective clothing. Contain spill to minimize environmental contamination. Absorb spilled material with a sorbent such as sawdust, vermiculite, dirt, sand, clay, or non-reactive absorbent. Collect and containerize material. Wash area with hot water and detergent.

7. Handling and Storage

HANDLING: Avoid all 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 in a cool, dry, well ventilated area. Store away from oxidizers. Keep container tightly closed. Protect from exposure to water. Keep away from food.

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), and chemically-resistant protective clothing and gloves.

RESPIRATORY PROTECTION: When product is heated or in the absence of good ventilation, use respirator equipped with organic vapor cartridges. In emergencies, use supplied-air respirator.

9. Physical Characteristics

APPEARANCE: Viscous straw liquid

VAPOR PRESSURE: Not volatile

ODOR: Ammonia-like

SOLUBILITY IN WATER: Not determined

pH: Alkaline

SPECIFIC GRAVITY: 0.96

BOILING POINT: 166 °C

VAPOR DENSITY: Heavier than air

VISCOSITY: 6,000 cPs

LIQUID DENSITY: Lighter than water

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid incompatibles.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with acids, and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, nitrous oxides, ammonia, and irritating organic acids.

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.

TSCA INVENTORY: All components are listed

TRANSPORTATION: Not a hazardous material for shipping purposes based on *United Nations Recommendations for the Transport of Dangerous Goods* and 49 CFR Part 171.

CA PROPOSITION 65: Not applicable

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

HMIS: Health-2, Flammability-1, Reactivity-0, PPE-B

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.