

1. Chemical Product and Company Identification

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

Product Name: **PF BARRIER COAT**

Chemical Family: Water-based acrylic emulsion

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Aromatic hydrocarbon blend / 64742-95-6 (< 5%)	OSHA PEL 100 ppm ACGIH TLV 100 ppm

Contains other trade secret ingredients for which no exposure limits have been established.

3. Health Hazards

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

EYE: May cause eye irritation including stinging, irritation or redness.

SKIN: Prolonged or repeated contact can cause irritation and dermatitis.

INGESTION: May cause gastrointestinal symptoms.

INHALATION: Vapors may be irritating to nose, throat and respiratory tract, and may cause headaches, dizziness and other central nervous system effects.

CARCINOGENICITY: Does not contain constituents at concentrations exceeding 0.1% that are listed as carcinogens by IARC, NTP, or OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with preexisting eye, skin, and respiratory disorders may be more susceptible to symptoms of exposure to this product.

4. First Aid Measures

EYE CONTACT: Move individual to fresh air. Flush with water for 15 minutes. Seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash thoroughly with soap and warm water. If symptoms develop, seek medical attention.

INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Seek medical attention.

INGESTION: Do not induce vomiting. Seek medical attention immediately.

5. Fire Fighting Measures

FLASH POINT: Does not flash

FIRE HAZARDS: Pressure may build up in closed, fire-exposed containers.

EXTINGUISHING MEDIA: CO₂, dry chemical, or foam; use water to keep containers cool.

HAZARDOUS COMBUSTION PRODUCTS: See Section 10.

OTHER INFORMATION: Firefighters wear SCBA and full-body protective suit.

6. Accidental Release Measures

Stop or reduce discharge if it can be done safely. Contain spill to minimize environmental contamination. Absorb material with inert absorbent and place in container for disposal. Dispose of in accordance with regulations.

7. Handling and Storage

HANDLING: Avoid breathing vapor and avoid prolonged and repeated contact with skin. Use in well ventilated area. If area is not adequately ventilated, use respiratory protective equipment. Do not eat, drink or smoke in work area; wash hands before undertaking these activities.

STORAGE: Store in a cool, dry, well ventilated area.

DISPOSAL: Dispose according to federal, state and local regulations.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust to maintain airborne concentrations below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: Use safety glasses, and chemical-resistant gloves.

RESPIRATORY PROTECTION: If engineering controls are not adequate to maintain air concentrations below exposure limits, use NIOSH-approved respirator.

9. Physical Characteristics

APPEARANCE: White viscous liquid

VAPOR PRESS.: < 2 mm Hg @ 68°F

ODOR: Mild

EVAP. RATE: Slower than ether

SOLUBILITY IN WATER: Soluble or dispersible

SPECIFIC GRAVITY: 1.32 @ 70°F

VAPOR DENSITY: >1 (air = 1)

BOILING RANGE: 301-311°F

10. Stability and Reactivity

CONDITIONS TO AVOID: Extreme temperatures and poor ventilation

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizers, strong acids or bases

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, nitrogen oxides, and other potentially toxic and irritating compounds

11. Regulatory and Other Information

SARA SECTION 313: This product does not contain any compounds above the *de minimis* reporting levels subject to SARA Section 313 reporting requirements.

RCRA: Upon disposal, this material is not a RCRA hazardous wastes (per 40 CFR 261). Dispose of in accordance with state and local regulations.

CA PROP. 65: "WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm." (Possibly traces of benzene and toluene.)

DOT: Not regulated for domestic ground transport

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

HMS RATING: Health-1, Flammability-0, Reactivity-0

MSDS REVISION INDICATOR: Corrected flammability information.

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.