

1. Chemical Product and Company Identification

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

Product Name: **POLY FIBER II**

Chemical Family: Olefin, Polyethylene Pulp

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Nuisance Dust	OSHA Permissible Exposure Limit: 15mg/m ³ , TWA total dust; 5mg/m ³ , TWA - respirable dust ACGIH Threshold Limit Value: 10mg/m ³ , TWA - inhalable; 3 mg/m ³ , TWA - respirable

3. Health Hazards

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

EYE: May cause irritation. Fibers may scratch the surface of the eye.

SKIN: May cause slight irritation.

INGESTION: None known.

INHALATION: Excessive inhalation may cause pulmonary function disability.

MEDICAL CONDITIONS THAT MAY BE AGGRAVATED BY EXPOSURE:

Possibly upper respiratory ailments, lung disease.

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

CHRONIC EFFECTS: Not known.

4. First Aid Measures

EYE CONTACT: Flush with water. Do not rub eyes. Seek medical attention if irritation develops.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove to fresh air. Treat symptoms. Seek medical attention if symptoms persist.

INGESTION: Seek medical attention if symptoms develop.

5. Fire Fighting Measures

FLASH POINT: Not applicable

EXTINGUISHING MEDIA: Water, CO₂, dry chemical, foam-fog.

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, and other organic compounds.

6. Accidental Release Measures

Vacuum or sweep up and place in waste container.

7. Handling and Storage

HANDLING: Avoid generating and breathing airborne fibers. Avoid processing into ultra-fine fibers.

STORAGE: Store in closed container in a cool, dry area.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT: Wear eye protection and gloves.

RESPIRATORY PROTECTION: Wear a half-face air-purifying respirator with HEPA filter cartridges or a particulate dust mask. Observe respirator use limitations specified by manufacturer and OSHA respiratory protection standard (29 CFR 1910.134).

9. Physical Characteristics

APPEARANCE: White fibers

VAPOR PRESSURE: Not applicable

ODOR: None

SOLUBILITY IN WATER: None

BOILING POINT: Not applicable

SPECIFIC GRAVITY: ~0.95

10. Stability and Reactivity

CONDITIONS TO AVOID: None known

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, and other organic compounds.

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.

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

HMIS RATING: Health -0, Flammability -1, Reactivity -0, PPE - E.

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

MSDS 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.