



92036-1008

SAFETY DATA SHEET: Page 1

1. Identification

Product Identifier: **AlumiFiber**
Product Code(s): AL34020
Use: Filler. For Industrial/Professional use only.
Manufacturer: Polytek Development Corp.
55 Hilton St., Easton, PA 18042
Phone Number: 541-540-1976 (8 a.m. to 4 p.m. EST)
Emergency Phone: CHEMTREC 800-424-9300 or
+1 (703) 527-3887
E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification: Not hazardous per 29 CFR 1910.1200.

Label Elements: None.

Supplemental Information: Fibers may scratch the surface of the eye and cause mechanical irritation. May cause mild skin irritation. Avoid contact with eyes, skin and clothing. Read and understand the hazard information on Liquid Rubber or Liquid Casting Plastic components before use.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below concentration/cut-off thresholds.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation develops or persists.

Skin Contact: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops or persists.

Inhalation: If breathing is difficult, remove person to fresh air and keep comfortable. Get medical attention if symptoms develop or persist.

Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision. Get medical attention if you feel unwell.

Most Important Symptoms/Effects: None known.

Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.

Specific Hazards: Not classified as flammable or combustible. May generate toxic/irritating compounds and dense smoke in fire conditions.

Special Protective Equipment and Precautions for Fire-Fighters: Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Remove ignition sources. Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact.

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment. Collect and containerize material. Dispose of in accordance with state and local regulations.

7. Handling and Storage

Safe Handling: Use in well-ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See Section 8.

Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Exposure Limits: Observe exposure limits for nuisance dust:

OSHA PEL: 15 mg/m³, TWA total dust; 5 mg/m³, TWA - respirable dust

ACGIH TLV: 10 mg/m³, TWA - inhalable; 3 mg/m³, TWA - respirable

Engineering Controls: Provide general or local exhaust to minimize airborne concentrations.

Personal Protective Equipment: Wear eye protection (e.g., chemical safety glasses) and protective gloves (e.g., nitrile rubber). Wear a dust mask or a half-face air-purifying respirator with HEPA filter cartridges. Observe respirator limitations specified by manufacturer and OSHA respiratory protection standard (29 CFR 1910.134).

Other Protective Measures: None.

9. Physical and Chemical Properties

Appearance: Powder, white

Odor: None

Odor Threshold: No data available

pH: Not applicable

Melting Point: 135°C (275°F)

Boiling Point: No data available

Flash Point: >200°C (392°F)

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Relative Density: 0.96 @ 25°C

Solubility: Insoluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: Not applicable

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: Excessive heat.

Incompatible Materials: Strong acids and bases.

Hazardous Decomposition Products: Thermal decomposition generates oxides of carbon.

11. Toxicological Information

Eye Contact: May cause mild eye irritation.

Skin Contact: May cause mild skin irritation.

Inhalation: May cause mild respiratory irritation.

Ingestion: No data available.

Chronic Health Effects: None known.

Acute Toxicity Values: Not acutely hazardous.

Respiratory Sensitization: Components are not classified as respiratory sensitizers.

Skin Sensitization: Components are not classified as skin sensitizers.

Germ Cell Mutagenicity: Components are not classified as mutagens.

Carcinogenicity: Components are not classified as carcinogens.

Reproductive Toxicity: Components are not classified as reproductive toxins.

Specific Target Organ Toxicity: No data available.

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SAFETY DATA SHEET: Page 2

12. Ecological Information

Ecotoxicity: No data available. Avoid release to the environment.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, regional and national regulations.

For U.S.: Upon disposal, this product is not RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

Not regulated for transport in any mode.

Emergency Shipping Information: Call CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information**U.S. FEDERAL REGULATIONS:**

CERCLA 103 Reportable Quantity: This product is not subject to these reporting requirements. Some States have more stringent requirements.

SARA TITLE III:

Hazard Category for Section 311/312: Not Hazardous

Section 313 Toxic Chemicals: Contains no chemicals subject to SARA Title III Section 313 Reporting requirements.

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: Components are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer and/or reproductive harm. www.P65Warnings.ca.gov

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial or professional use only.

SDS Revision Notes: GHS Format: October 16, 2024

Disclaimer: The information contained herein is considered accurate; however, Polytek® Development Corp. 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.