

1. Chemical Product and Company Identification

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

Product Name: **POLYFIL ND**

Chemical Family: Calcium Carbonate with Copolymer

2. Hazardous Constituents

<u>Ingredient/CAS #</u>	<u>Exposure Limits</u>
Copolymer, 25214-39-5	None established
Calcium carbonate, 1317-65-3	OSHA PEL TWA: 15mg/m3, total dust; 5mg/m3, respirable dust ACGIH TLV TWA: 10mg/m3, inhalable; 3 mg/m3, respirable (nuisance dust)
Silica, crystalline, 14808-60-7 (<1% in calcium carbonate)	OSHA PEL TWA: 15mg/m3, total dust; 5mg/m3, respirable dust (for nuisance dust, Table Z-3) ACGIH TLV TWA: 0.025 mg/m3, respirable (for crystalline silica)

3. Health Hazards

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

EYE: May cause irritation by mechanical abrasion..

SKIN: May cause slight irritation.

INGESTION: Unlikely route of exposure.

INHALATION: Causes irritation.

MEDICAL CONDITIONS THAT MAY BE AGGRAVATED BY EXPOSURE:

Possibly upper respiratory ailments, lung disease.

CARCINOGENICITY: Contains crystalline silica as an impurity. NTP, IARC, ACGIH and OSHA designate crystalline silica as a carcinogen.

CHRONIC EFFECTS: Excessive chronic exposure could result in pulmonary disease.

4. First Aid Measures

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

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 compounds.

6. Accidental Release Measures

Vacuum or sweep up and place in waste container.

7. Handling and Storage

HANDLING: Avoid generating and breathing airborne dust.

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 powder

VAPOR PRESSURE: Not applicable

ODOR: None

SOLUBILITY IN WATER: None

BOILING POINT: Not applicable

SPECIFIC GRAVITY: ~1.0

10. Stability and Reactivity

CONDITIONS TO AVOID: None known

CHEMICAL INCOMPATIBILITY: Strong acids, alum and ammonium salts.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, and other 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 -1, Flammability -0, Reactivity - 0, PPE - E.

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

MSDS REVISION INDICATOR: First issue.

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.