



FIBRE GLAST DEVELOPMENTS CORP.
385 Carr Drive
BROOKVILLE, OH 45309

TELEPHONE: (937) 833-5200
FAX: (937) 833-6555
**FOR CHEMICAL EMERGENCY
CALL (800) 424-9300 24 HRS.**

SECTION 1 – CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT NAME: PART #131, Talc

SYNONYM: Industrial Talc

CHEMICAL NAME: Hydrous Calcium Magnesium Silicate Mineral Mixture

CHEMICAL FAMILY: Phyllosilicates (structural)

MATERIAL USE: Additive in paints and ceramics

SECTION 2 – HAZARDOUS INGREDIENTS

Name	CAS#	% by Weight	TLV/PEL
Talc	14807-96-6	20 - 40	TWA 2 mg/m ³ from respirable fraction (ACGIH) See section XVI (OSHA)
All other ingredients		60 - 80	As particles not otherwise regulated (PNCr) TWA: 15 mg/m ³ total dust, 5 mg/m ³ respirable dust

SECTION 3 – HAZARDOUS IDENTIFICATION

Emergency overview: Not an acute hazard. May cause mechanical eye or skin irritation in high concentrations. As with all mineral spills, minimize dusting during clean-up. Do not breathe dust. Prolonged inhalation may cause lung injury. Product can become slippery when wet.

Target Organs: Pulmonary System (chronic risk)

SECTION 4 - FIRST AID MEASURES

Eye Contact: Flush with plenty of flowing water. Get medical attention if irritation persists.

Skin Contact: Wash off with water.

Inhalation: Allow the victim to rest in a well ventilated area if high concentration is inhaled and mechanical irritation or discomfort occurs. Seek medical attention if irritation persists.

Ingestion: Unlikely to be toxic by ingestion.

SECTION 5 – FIRE and EXPLOSION DATA

Flammability of the Product: Non-flammable

Auto-Ignition Temperature: Not applicable

Flash Points: Not applicable

Flammability Limits: Not applicable

Products of Combustion: Not applicable

Fire Hazards in Presence of Various Substances: Not considered to be flammable

Explosion Hazards in Presence of Various Substances: None

Fire Fighting Media and Instructions: Product will not burn. Use appropriate media for surrounding fires.

Special Remarks on Fire Hazards: Not available

Special Remarks on Explosion Hazards: Not available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Small Spill: Use a vacuum to clean up spillage. If appropriate use gentle water spray to wet down and minimize dust generation. Place in a sealed container. Material will become slippery when wet.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Avoid excessive dust generation. Use respiratory protection in high dust conditions.

SECTION 7 – HANDLING and STORAGE

Handling and Storage Procedures: No special storage considerations. Handle in ways which minimize dust generation.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits.

If local exhaust ventilation is used, a capture velocity of 150 – 200 fpm is recommended.

Personal Protection: Safety glasses. Any NIOSH approved filler dust respirator. No special skin protection required. Wash skin if mechanical irritation is experienced.

SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

Appearance: White powder

Molecular Weight: Not available

pH: Not available

Melting/Sublimation Point: Not available

Specific Gravity: 2.85 (water =1)

Volatility: Non-volatile

Odor: None

Solubility: Insoluble in cold water.

SECTION 10 – STABILITY and REACTIVITY DATA

Stability: The product is stable.

Instability Temperature: Not applicable

Conditions of Instability: None known

Incompatibility with Various Substances: Non-reactive

Corrosivity: Not available

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation. Ingestion

Acute Effects

Eye Contact: Not a primary eye irritant. May cause mechanical irritation.

Skin Contact: Mechanical skin irritation is possible but unlikely. Not absorbed through skin. Possible granuloma formation in open wounds (requires repeated, massive applications)

Sensitization: Not a sensitizer

Ingestion: Not an ingestion hazard

Inhalation: Inhalation of high concentrations may cause mechanical irritation and discomfort. Repeat exposure may cause chronic effects.

Remarks: No additions remark.

Chronic Effects:

Carcinogenic effects: see remarks,

Mutagenic effects: none known,

Teratogenic effects: none known,

Developmental toxicity: none known

Remarks: TALC: Prolonged exposure to excessive airborne concentrations of talc can result in scarring of the lungs (pneumoconiosis) or of the covering of the lungs (pleural thickening). Pneumoconiosis may produce no symptoms. Conditions can be determined by chest radiographic examination and pulmonary function test (FEV and FVC). Bronchial irritation may cause sputum production.

New York State talc has been tested as a whole and in parts in several animal studies with no carcinogenic association demonstrated. Epidemiologic studies in humans have been interpreted in conflicting ways with no clear evidence of an increased risk in lung tumors in association with exposure. Human animal and in-vitro tests of basic product ingredients do not show a carcinogenic affect.

Excessive exposure to any dust may aggravate pre-existing respiratory conditions.

SECTION 12- ECOLOGICAL INFORMATION

Ecotoxicity: None Known

BODS and COD: Not available

Products of Biodegradation: None Known

Toxicity of the Products of Biodegradation: None Known

Special Remarks on the Products on Biodegradation: Not available

SECTION 13- DISPOSAL CONSIDERATIONS

Waste Information: Not a US RCRA hazardous waste. Dispose of in accordance with state and local regulations.

SECTION 14- TRANSPORT INFORMATION

DOT Not a DOT controlled material (United States)

Maritime Transportation: Not available

SECTION 15- OTHER REGULATORY INFORMATION

TSCA Listed

Federal and State Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

Hazardous Material Information System:

Health	*1
Fire Hazard	0
Reactivity	0
Personal Protection	E

*chronic potential

National Fire Protection Association (USA):

Flammability	0
Health	0
Reactivity	0
Specific Hazard	0

Protective Clothing: Safety glasses, dust mask

SECTION 16- OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be, whether originating with **Fibre Glast Developments Corporation** or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.