
Material Safety Data Sheets

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Section 1 – Product Information

Product Name: Pearlescent Powder
Common Chemical Name: Polysilicate Mineral
Chemical Family: Sheet Silicate

Section 2 – Ingredients

Chemical:	CAS
Mica	12001-26-2
Titanium Dioxide	1317-70-0

Section 3 – Hazardous Identification

Color:	Silver
Form/Appearance:	Light Silver Powder
Odor:	No
Odor Intensity:	N/A

Nature of Hazard

Eye Contact:	May cause irritation.
Skin Contact:	May cause irritation.
Repeated Dose Toxicity (Inhalation):	Chronic inhalation may cause pulmonary fibrosis.

Section 4 – First Aid

Eye Contact:	Wash with water.
Skin Contact:	Wash with water and soap.
Inhalation:	Remove to fresh air.
Ingestion:	Do not induce vomiting. If victim is conscious and alert, give glasses of water. Get medical attention.

Section 5 – Fire Fighting Measures

Flash Point:	N/A
Auto Ignition:	N/A
Extinguishing Media:	Water spray, foam, carbon dioxide or dry chemical.
Special Fire Procedures:	N/A
Unusual Hazards:	N/A

Section 6 – Accidental Release Measures

General:	Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.
Waste Disposal:	Dispose of in accordance with all state, local and federal regulations.

Section 7 – Handling and Storage

Handling & Storage: Wash thoroughly after handling. Remove contaminated clothing and wash it before reuse. Provide adequate ventilation. Keep container tightly closed to minimize dust generation. Avoid ingestion, inhalation and contact with eyes and skin. The packages should be sound and puncture-proof, press-proof and damp-proof. Store in a dry, well-ventilated place.

Section 8 – Exposure Controls & Personal Protection

Clothing: Rubber or plastic gloves, plastic apron, sleeves and boots if handling large quantities. Safety showers and eyewash stations. Follow general industrial hygiene.
Eyes: Wear appropriate protective eyeglasses or chemical safety goggles.
Respiration: NIOSH approved dust respirator.
Ventilation: Local exhaust.

Section 9 – Physical & Chemical Properties

Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Solubility in Water: N/A
Appearance & Odor: Light silver powder
Specific Gravity: N/A
Melting Point: N/A
Evaporation: N/A

Section 10 – Stability & Reactivity

Stability: Stable
Conditions to Avoid: N/A
Incompatibility: N/A
Hazardous Decomposition: Carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will not occur.

Section 11 – Toxicological Information

Toxicity Data

Acute Oral Toxicity: No data available
Acute Inhalation Toxicity: No data available
Acute Dermal Toxicity: No data available
Skin Irritation: No data available
Eye Irritation: No data available
Sensitization: No data available
Repeated Dose Toxicity: No data available
Mutagenicity: No data available
Toxicity to Reproduction / Fertility: No data available
Developmental Toxicity / Teratogenicity: No data available

Section 12 – Ecological Information

Ecological Data No data available
 No data available
Biodegradation: No data available
Theoretical Biological Oxygen Demand (ThBOD): No data available
Acute and Prolonged Toxicity to Fish: No data available
Acute Toxicity to Aquatic Invertebrates: No data available
Toxicity to Aquatic Plants: No data available
Toxicity to Microorganisms: No data available

Section 13 – Disposal Information

Steps if Spilled: Vacuum or sweep up material and place it into a suitable disposal container. Clean up spills immediately, observe precautions in Protective Equipment section. Avoid generating the phenomenon of dust. Provide ventilation.

Waste Disposal: Dispose of in accordance with all state, local and federal regulations.

Section 14 – Transportation Information

Not a DOT controlled material.

Section 15 – Regulatory Information

Under the criteria of the Federal OSHA Hazardous Communication Standard 29 CFR 1910.1200

Composition Information on Ingredients

Ingredients	%	ACGTH-TLV	OSHA-PEL	CAS No.
Titanium Dioxide	11-15	10 q mg/m ³	10q mg/m ³	1371-70-0
Mica	85-89	3 c mg/m ³	3c mg/m ³	12001-26-2

c. respirable dust; q. total dust and containing no asbestos and <1% free silica. N/A Not Available

Hazardous Health Rating: Health: 0 Fire: 0 Reactivity: 0

Section 16 – Other Information

To the best of our knowledge, the information contained herein is accurate. However, Alumilite does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although we have described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist. While the descriptions, designs, data, and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Alumilite hereunder are given gratis and Alumilite assumes no obligation or liability for the description, designs, data, and information given or results obtained, all such being given and accepted at your risk.

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