
Material Safety Data Sheets

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Section 1 – Product Information

Porcelain Powder

Common Chemical Name: Aluminum Silicate

Synonyms: N/A

Chemical Family: Aluminum

Molecular Weight: Not Established

Section 2 - Ingredients

Chemical:	CAS
Aluminum Silicate	66402-68-4

All products are not listed as Carcinogen in NTP, IARC, or OSHA 1910(z).

Section 3- Hazardous Identification

Color:	White
Form/Appearance:	Powder
Odor:	None
Odor Intensity:	None

Nature of Hazard

Emergency Overview:	Minimize dust generation and exposure. Do not breathe dust.
Eye Contact:	May cause irritation.
Skin Contact:	May cause irritation.
Inhalation:	May cause irritation.

Section 4 – First Aid

Eye:	Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention. Contact lenses should not be worn while working with this chemical.
Skin:	Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get immediate medical attention.

Section 5 – Fire Fighting Measures

Non-Flammable and Non-Explosive.

Section 6 – Accidental Release Measures

General:	Clean up and collect, minimizing excessive dust. Use a dustless system, such as a wet sweeping or a vacuum, to maintain airborne dust levels below the Permissible Exposure Limits.
Waste Disposal:	Any approved solid waste disposal, including burial. Comply with federal, state and local regulations.

Section 7 – Handling and Storage

Storage: Protect against water. Store in a cool, dry place.

Section 8 – Exposure Controls & Personal Protection

Clothing: Gloves, coveralls, apron, boots as necessary to prevent skin contact.
Eyes: Chemical goggles. Contact lenses should not be worn.
Respiration: Use a NIOSH-approved respirator to prevent overexposure.
Ventilation: Local exhaust or other ventilation that will reduce dust concentrations to less than Permissible Exposure Limits is recommended.

Section 9 – Physical & Chemical Properties

Color: White
Form: Powder
Odor: None
Odor Intensity: None
Specific Gravity: 2.7
Boiling Pt: N/A
Solubility: Negligible
Vapor Density: N/A
Vapor Pressure: N/A

Section 10 – Stability & Reactivity

Stability: Stable
Conditions to Avoid: N/A
Incompatibility: N/A
Hazardous Polymerization: Will not occur

Section 11 – Toxicological Information

No applicable data for this section.

Section 12 – Ecological Information

No applicable data for this section.

Section 13 – Disposal Information

Waste Disposal: Any approved solid waste disposal, including burial. Comply with federal, state and local regulations.

Section 14 - Transportation Information

Not regulated by the Department of Transportation

Section 15 - Regulatory Information

OSHA PEL's

8-hr TWA: 5.0 mg/m³ (Total Respirable Dust)
8-hr TWA: 15.0 mg/m³ (Total Airborne Dust)

ACGIH TLV, 1989-90

TLV-TWA = 10 mg/m³ (Total Respirable Dust containing no asbestos and < 1% free Silica)

Hazardous Rating: Health 1 Fire 3 Reactivity 1

This aluminum powder is classified as fume or dust.

Section 16 - Other Information

No Data Available.

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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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