

## 1. Identification

Product Identifier: **Porcelain Powder**  
 Use: Mold Making and Casting  
 Manufacturer: Alumilite  
 315 E. North Street Kalamazoo, MI 49007 USA  
 Phone Number: +1 800-447-9344 (9 a.m. to 5 p.m. EST)  
 Emergency Phone: CHEMTREC 800-424-9300 or  
 +1 703-527-3887  
 E-mail: [info@alumilite.com](mailto:info@alumilite.com)

## 2. Hazards Identification

**GHS Classification:** Not hazardous per 29 CFR 1910.1200.

**Label Elements:** No GHS label required.

**Supplemental Information:** Depending on the type of handling and use, airborne respirable crystalline silica may be generated. Prolonged and/or massing inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.

## 3. Composition/Information on Ingredients

| Chemical Name    | CAS #      | %   |
|------------------|------------|-----|
| Kaolin, calcined | 92704-41-1 | 100 |

Exact concentrations are withheld as trade secret. Other ingredients are not classified as health, physical or environmental hazards, or are present below cut-off/concentration limits.

## 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 and persists.

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

**Inhalation:** If breathing is difficult, remove person to fresh air. If experiencing difficulty breathing, call a doctor.

**Ingestion:** Get medical attention if feeling unwell.

**Most Important Symptoms/Effects:** None expected

**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.

**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:** Avoid generating dust. Wear personal protective equipment.

**Methods and Materials for Containment and Cleanup:** Avoid dry sweeping. Use water spraying or vacuum cleaning systems to prevent airborne dust generation. Dispose of according to local, regional, and national regulatory requirements.

## 7. Handling and Storage

**Safe Handling:** Avoid generating dust. Use in a ventilated area. Wear suitable respiratory protective equipment in insufficient ventilation. Do not eat, drink, or smoke in work areas. Wash hands after use.

**Safe Storage:** Keep container closed when not in use. Store packaged product to prevent accidental bursting.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:** For Kaolin, calcined (92704-41-1):

ACGIH 2 mg/m<sup>3</sup> TWA

**Ventilation:** Use with adequate general or local exhaust ventilation to maintain exposure limits below the occupational exposure limits.

**Respiratory Protection:** When dusts are generated, use a properly fitted, air-purifying or air-fed respirator.

**Skin Protection:** Wear chemical-resistant, impervious gloves, such as butyl rubber or nitrile rubber.

**Eye Protection:** Wear chemical safety goggles/glasses.

**Other Protective Measures:** Avoid wind dispersal.

## 9. Physical and Chemical Properties

**Appearance:** Solid, no color

**Odor:** None

**Odor Threshold:** No data available

**pH:** 8

**Melting Point:** No data available

**Boiling Point:** No data available

**Flash Point:** Not flammable

**Evaporation Rate:** No data available

**Flammable Limits:** Not flammable

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 2.7 g/cm<sup>3</sup>

**Solubility:** Insoluble in water

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

**Auto-Ignition Temp:** No data available

**Decomposition Temp:** No data available

**Viscosity:** No data available

## 10. Stability and Reactivity

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable under recommended conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** None

**Incompatible Materials:** None

**Hazardous Decomposition Products:** None known

## 11. Toxicological Information

**Eye Contact:** May cause mild irritation.

**Skin Contact:** May cause mild irritation.

**Inhalation:** May cause mild respiratory irritation.

**Ingestion:** No data available.

**Chronic Health Effects:** None known.

**Acute Toxicity Values:** None known.

**Germ Cell Mutagenicity:** Components are not known mutagens.

**Carcinogenicity:** Components are not classified as carcinogens by NTP, IARC or OSHA.

**Reproductive Toxicity:** Components are not known or suspected reproductive toxins.

**Specific Target Organ Toxicity:** Relevant components are not known or suspected toxins to specific target organs.

## 12. Ecological Information

**Ecotoxicity:** Not expected to be dangerous to aquatic organisms. Do not release into waterways.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 13. Disposal Considerations

Dispose according to local, regional and national regulations. Leave chemicals in original containers.

**For U.S.:** Upon disposal, these products are 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:** Not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

#### SARA TITLE III:

**Hazard Category for Section 311/312:** Not applicable.

**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:** All components are listed on TSCA.

#### STATE REGULATIONS:

**California Proposition 65:** These products do not contain substances known to the State of California to cause cancer and/or reproductive harm.

### 16. Other Information

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

**Recommended Uses and Restrictions:** Intended for industrial or professional use only.

**SDS Revision Notes:** GHS Version, May 2, 2019

**Disclaimer:** The information contained herein is considered accurate; however, Alumilite 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.