

## 1. Identification

**Product Identifier:** Synthetic Modeling Clay  
**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:** None

## 3. Composition/Information on Ingredients

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:** Do not induce vomiting. 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. Prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

## 6. Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear personal protective equipment.

**Methods and Materials for Containment and Cleanup:** Pick up and re-use or place in proper container for disposal. Dispose of according to local, regional, and national regulatory requirements.

## 7. Handling and Storage

**Safe Handling:** Wash hands after use.

**Safe Storage:** Store in a cool, dry, well-ventilated area. Avoid extreme heat. Store packaged product to prevent physical damage.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:** No data available

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

**Respiratory Protection:** If necessary, use approved respiratory protection.

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

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

**Other Protective Measures:** None

## 9. Physical and Chemical Properties

**Appearance:** Solid, color varies

**Odor:** None

**Odor Threshold:** No data available

**pH:** No data available

**Melting Point:** No data available

**Boiling Point:** No data available

**Flash Point:** 415°F

**Evaporation Rate:** No data available

**Flammable Limits:** Not flammable

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 1.60-1.70 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:** Thermal decomposition may product carbon dioxide and carbon monoxide.

**Conditions to Avoid:** Extreme heat.

**Incompatible Materials:** Strong oxidizing agents; peroxides, chlorine

**Hazardous Decomposition Products:** Carbon dioxide and carbon monoxide.

## 11. Toxicological Information

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

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

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

**Ingestion:** May cause mild gastrointestinal irritation.

**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.

**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 6, 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.