

1. Identification

Product Identifier: **Alumidust (All Colors)**
 Use: Pigment
 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

2. Hazards Identification

GHS Classification: Not hazardous per 29 CFR 1910.1200.

Label Elements: No GHS label required.

Precautionary Phrases:

P260 Do not breathe dust.

Supplemental Information: May cause mild eye and skin irritation.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Mica (muscovite)	12001-26-2	≥ 30 - < 50
Rutile	1317-80-2	0 - < 30
Silicon dioxide	7631-86-9	0 - < 30
Diiron trioxide	1309-37-1	0 - < 30
Titanium (IV) dioxide	13463-67-7	≥ 5 - < 70
Chromium (III) oxide	1308-38-9	0 - < 30
Pigment Violet 23	6358-30-1	0 - 3
Pigment Red 22	6448-95-9	0 - 5
Pigment Blue 15	147-14-8	0 - 6
Pigment Black 7	1333-86-4	0 - ≤ 1
Pigment Red 31	6448-96-0	0 - ≤ 1

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 for no less than 5 minutes, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation develops and persists.

Skin Contact: Remove all contaminated clothing. 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: Make victim drink water, two glasses at more. 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: Remove ignition sources. Clear non-emergency personnel from the area.

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment. Use a tool to collect solid or absorbed material and place into appropriately labeled waste container for disposal. Dispose of according to local, regional, and national regulatory requirements.

7. Handling and Storage

Safe Handling: Avoid generating dust. Avoid breathing dust. Use in a ventilated area. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Change contaminated clothing and wash hands after working with substance.

Safe Storage: Keep container dry. Keep container closed when not in use.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits:

For General Dust:

OSHA PEL 15 mg/m³

ACGIH 3 mg/m³ TWA

For Mica (CAS 12001-26-2):

ACGIH 3 mg/m³ TWA

For Silicon dioxide (CAS 7631-86-9)

OSHA PEL 10 mg/m³

ACGIH 5 mg/m³ 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: No data available.

9. Physical and Chemical Properties

Appearance: Granules, colors vary

Odor: None

Odor Threshold: No data available

pH: 4-11 at 100 g/L 10-20°C (slurry)

Melting Point: No data available

Boiling Point: No data available

Flash Point: Not flammable

Evaporation Rate: No data available

Flammable Limits: No data available

Vapor Pressure: No data available

Vapor Density: 2.8-3.0 g/cm³ at 68°F (20°C)

Relative Density: 2.4-3.7 g/cm₃

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: For Silicon dioxide: Dermal rabbit LD₅₀ >5,000 mg/kg.

Germ Cell Mutagenicity: Components are not known mutagens.

Carcinogenicity: Rutile is an IARC 2B carcinogen and is classified as possibly carcinogenic to humans. No other ingredients are classified as carcinogens by NTP, IARC or OSHA.

Reproductive Toxicity: Relevant 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. Do not mix with other waste.

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, April 30, 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.