
Material Safety Data Sheets

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Section 1 – Product Information

Alumisol

Common Chemical Name: Polyvinyl Chloride Dispersion

Synonyms: Plastisol

Chemical Family: N/A

Molecular Weight: Not Established

Section 2 - Ingredients

This product is not considered to be or to contain hazardous chemicals based on evaluations made by our company under the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Section 3- Hazardous Identification

Color:	Milky White
Form/Appearance:	Liquid
Odor:	Slightly sweet
Odor Intensity:	Very Mild

Nature of Hazard

Emergency Overview: No immediate effects are anticipated but repeated or prolonged contact may cause eye or skin irritation.

Eye Contact: May cause irritation. Not known to cause permanent damage to eye tissue.

Skin Contact: No hazards expected in normal industrial use. Prolonged or repeated skin contact may cause irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: Not likely to cause irritation at ambient temperatures. Heating this material will cause fumes and vapors which can cause irritation of the respiratory tract.

Ingestion: Can cause gastrointestinal irritation.

Medical Conditions Aggravated by Exposure: None known.

Section 4 – First Aid

Eye: Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.

Inhalation: Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get immediate medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person.

Medical Conditions Aggravated by Exposure: None known.

Section 5 – Fire Fighting Measures

Extinguishing Media: Foam, carbon dioxide, or dry chemical
Fire Fighting Instructions: Wear self-contained breathing apparatus. May generate HCl and oxides of carbon. Wear structural fire fighting gear. Avoid breathing smoke, fumes, and decomposed products.

OSHA Flammability Classification: Combustible Liquid – Class IIIB
Flash Point: > 200 degrees F
Autoignition Temp: N/A

Section 6 – Accidental Release Measures

General: Spills should be contained, soaked up with absorbent material, and placed in suitable containers for disposal at a licensed facility. Do not allow material to enter soil or surface water.
Waste Disposal: Incinerate or bury in a licensed in accordance with local, state and federal regulations.. Do not discharge into waterways or sewer systems without proper authority.

Section 7 – Handling and Storage

General: Keep away from heat and flames.
Storage: Protect containers from physical damage. Store in cool dry place and keep containers closed when not in use.

Section 8 – Exposure Controls & Personal Protection

Clothing: Gloves, coveralls, apron, boots as necessary to prevent skin contact.
Eyes: Chemical goggles; also wear face shield if splashing hazard exists.
Respiration: Under normal use, with adequate ventilation, no special respiratory protective equipment is required. If local exhaust is insufficient to remove fumes or vapors generated during process, NIOSH approved respirators may be necessary.
Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLVs.

Section 9 – Physical & Chemical Properties

Color: Milky White
Form: Liquid
Odor: Slight sweet
Odor Intensity: Very Mild
Specific Gravity: 1.1
Boiling Pt: Not Available
Freezing Pt: Not Available

Section 10 – Stability & Reactivity

Stability: Stable
Polymerization: Will not occur
Conditions to Avoid: Extreme temperatures
Incompatibility: Strong oxidizers
Hazardous Decomposition: Will not occur if handled and stored properly

Section 11 – Toxicological Information

None of the components in this material are listed as a carcinogen by NTP, IARC, or OSHA.

Section 12 – Ecological Information

No applicable data for this section.

Section 13 – Disposal Information

Waste Disposal: All waste materials should be packaged, labeled, and transported in accordance with all national, state, and local requirements.

Section 14 - Transportation Information

Not regulated by the Department of Transportation

Section 15 - Regulatory Information

Hazardous Rating: Health 1 Fire 1 Reactivity 0

All components of this compound are listed on the US TSCA Inventory.

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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