



SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product: Alumilite High Strength 1, 2, and 3 Base A
CAS #: Non-Applicable
Product Use: Mold Making and Casting
Manufacturer/Supplier:
Company Name: Alumilite
Company Address: 315 E. North St.
Kalamazoo, MI 49007

Emergency Telephone Number: Chemtrec 1-800-424-9300

Section 2 - Hazards Identification

2.1 GHS Classification

<i>Health</i>	<i>Environmental</i>	<i>Physical</i>
Not Classified	Not Classified	Not Classified

2.2 GHS Signal Word, Hazard Statement, Symbol

Pictograms by CLP/GHS:	Not Required
Pictograms by DPD:	Not Required
Signal Word:	Not Required

Hazard Statements

Causes mild skin irritation and mild eye irritation.

Precautionary statements

Wear appropriate gloves, protective spectacles, and the protection side.

Wash hands well after handling.

Avoid discharge into the environment.

Section 3 - Composition / Information on Ingredients

	CAS No.	Percentage
Silicone Base	N/A	100%

Section 4 – First Aid

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

Skin Contact: No first aid should be needed.

Inhalation: No first aid should be needed.

Ingestion: No first aid should be needed.

Comments: Treat symptomatically.

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Section 5 – Fire Fighting Measures

Extinguishing Media:	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO ₂), dry chemical, or water spray. Water can be used to cool fire-exposed containers.
Fire Fighting Instructions:	Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Flash Point:	>480 °F
Autoignition Temp:	N/A

Section 6 – Accidental Release Measures

General:	For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents, or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.
Waste Disposal:	Dispose in accordance with local, state and federal laws and regulations.

Section 7 – Handling and Storage

General:	Use with adequate ventilation. Product evolves n-propyl alcohol when exposed to water or humid air. Provide ventilation during use to control n-propyl alcohol within exposure guidelines or use respiratory protection. Avoid eye contact.
Storage:	Store away from oxidizing materials.

Section 8 – Exposure Controls & Personal Protection

Clothing:	Gloves, coveralls, apron, boots as necessary to prevent skin contact.
Eyes:	Chemical goggles.
Respiration:	Should not be needed.
Ventilation:	General ventilation.

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Section 9 – Physical & Chemical Properties

Color:	Base White
Form:	Viscous Liquid
Odor:	Slight odor
Odor Intensity:	Slight
Specific Gravity:	1.2 (at 25 °C)
Boiling Point:	N/A
Viscosity:	20,000 cps
Freezing Point:	N/A
Solubility:	N/A

Section 10 – Stability & Reactivity

Stability:	Stable
Conditions to Avoid:	None
Incompatibility:	Oxidizing material can cause a reaction.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition:	Carbon oxides, carbon compounds, silicon dioxide, metal oxides, quartz, & formaldehyde.

Section 11 – Toxicological Information

Toxicity Data

No applicable data for this section

Section 12 – Ecological Information

Ecological Data

No applicable data for this section.

Section 13 – Disposal Information

Waste Disposal: Dispose in accordance with local, state and federal laws and regulations.

Section 14 – Transportation Information

Not regulated by the Department of Transportation.



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Section 15 – Regulatory Information

Section 313 Toxic Chemicals: No applicable data for this section.

Hazardous Health Rating: Health: 0 Fire: 1 Reactivity: 0

Section 16 – Other Information

No data available

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Revised May 2, 2018

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Section 1 - Product and Company Identification

Product: Alumilite High Strength 1, 2, and 3 Catalyst B
CAS #: Non-Applicable
Product Use: Mold Making and Casting
Manufacturer/Supplier:
Company Name: Alumilite
Company Address: 315 E. North St.
Kalamazoo, MI 49007

Emergency Telephone Number: Chemtrec 1-800-424-9300

Section 2 - Hazards Identification

2.1 GHS Classification

Health
Not Classified

Environmental
Not Classified

Physical
Not Classified

2.2 GHS Signal Word, Hazard Statement, Symbol

Pictograms by CLP/GHS:



Signal Word: **Danger**

Hazard Statements

Causes skin burns, causes eye irritation.
May cause respiratory irritation.

Precautionary statements

Avoid contact with the skin, eyes, and clothing.
Wear appropriate gloves, protective spectacles, and the protection side.
Wash hands well after handling.
Avoid discharge into the environment

Section 3 - Composition / Information on Ingredients

	CAS No.	Percentage
Dibutyltin Dilaurate	77-58-7	3-8%
Tetraethoxysilane	78-10-4	15-25%
Maleic Anhydride	108-31-6	<2%

Section 4 – First Aid

Eye Contact: Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.
Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before use.

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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.
Ingestion: Do not induce vomiting! Do not give liquids! Get medical attention immediately. Remove stomach content by gastric suction only as directed by medical personnel.
Comments: Treat symptomatically.

Section 5 – Fire Fighting Measures

Extinguishing Media: Water spray, foam, carbon dioxide, or dry chemical.
Fire Fighting Instructions: Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Use water spray to cool fire exposed surfaces and to protect personnel. Wear structural firefighting gear.
Flash Point: >300 °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.
Waste Disposal: Store and use in well-ventilated area between 70-80 °F. Avoid excessive temperatures, low or high. Avoid moisture.

Section 7 – Handling and Storage

General: Avoid breathing mist or vapors and repeated or prolonged exposure with skin. Avoid eye contact. Do not drink.
Storage: Store and use in well-ventilated area between 70-80 °F. Avoid excessive temperatures, low or high. Avoid moisture.

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: Approved organic vapor mist respirator unless adequate local exhaust ventilation is provided, or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.
Ventilation: Use local exhaust to control vapors/mists.

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Section 9 – Physical & Chemical Properties

Color:	Catalyst Translucent Pink
Form:	Liquid
Odor:	Slight odor
Odor Intensity:	Mild
Specific Gravity:	.96
Boiling Point:	>65 °C
Viscosity:	Not available
Freezing point:	Not available
Solubility:	None

Section 10 – Stability & Reactivity

Stability:	Stable
Conditions to Avoid:	None
Incompatibility:	Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde, metal oxides.

Section 11 – Toxicological Information

Toxicity Data

No applicable data for this section

Section 12 – Ecological Information

Ecological Data

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50):	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <=2000	>2000

Section 13 – Disposal Information

Waste Disposal:	Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.
Container Disposal:	Steel drums must be emptied (as defined by RCRA, Section 261.7 or state regulations that may be more stringent) and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer, or an approved landfill. Drums destined for a scrap dealer or landfill must be punctured or crushed to prevent reuse.

Section 14 – Transportation Information

Not regulated by the Department of Transportation.



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Section 15 – Regulatory Information

Section 313 Toxic Chemicals: No applicable data for this section.

Hazardous Health Rating: Health: 3 Fire: 3 Reactivity: 1

Section 16 – Other Information

No data available

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Revised May 2, 2018