

## SAFETY DATA SHEET

### Section 1 - Product and Company Identification

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**Product:** Alumilite High Strength 1, 2, and 3 Base and Catalyst  
**Version #:** Version #1  
**Date:** May 29, 2015  
**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

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#### 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  
**Signal Word:** Not Required

#### *Hazard Statements*

Causes mild skin irritation and mild eye irritation.

#### *Precautionary Statements*

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

### Section 3 - Composition / Information on Ingredients

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List of ingredients was submitted for review and none of the ingredients are hazardous substances.

### Section 4 – First Aid

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**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.  
**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.

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### Section 5 – Fire Fighting Measures

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<b>Extinguishing Media:</b>	Base: On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO <sub>2</sub> ), dry chemical, or water spray. Water can be used to cool fire-exposed containers. Catalyst: Water spray, foam, carbon dioxide, or dry chemical.
<b>Fire Fighting Instructions:</b>	Base: 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. Catalyst: 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.
<b>Flash Point:</b>	Base: >480 °F. Catalyst: >300 °F
<b>Autoignition Temp:</b>	N/A

### Section 6 – Accidental Release Measures

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<b>General:</b>	Base: 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. Catalyst: Spills should be contained, soaked up with absorbent material, and placed in suitable containers for disposal at a licensed facility.
<b>Waste Disposal:</b>	Base: Dispose in accordance with local, state and federal laws and regulations. Catalyst: Store and use in well-ventilated area between 70-80F. Avoid excessive temperatures, low or high. Avoid moisture.

### Section 7 – Handling and Storage

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<b>General:</b>	Base: 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. Catalyst: Avoid breathing mist or vapors and repeated or prolonged exposure with skin. Avoid eye contact. Do not drink.
<b>Storage:</b>	Base: Store away from oxidizing materials. Catalyst: Store and use in well-ventilated area between 70-80F. Avoid excessive temperatures, low or high. Avoid moisture.

### Section 8 – Exposure Controls & Personal Protection

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<b>Clothing:</b>	Base: Gloves, coveralls, apron, boots as necessary to prevent skin contact. Catalyst: Gloves, coveralls, apron, boots as necessary to prevent skin contact.
<b>Eyes:</b>	Base: Chemical goggles. Catalyst: Chemical goggles; also wear face shield if splashing hazard exists.
<b>Respiration:</b>	Base: Should not be needed. Catalyst: 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.
<b>Ventilation:</b>	Base: General ventilation. Catalyst: Use local exhaust to control vapors/mists.

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### Section 9 – Physical & Chemical Properties

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	<b>Base</b>	<b>Catalyst</b>
<b>Color:</b>	White	Translucent Pink
<b>Form:</b>	Viscous Liquid	Liquid
<b>Odor:</b>	Slight odor	Slight odor
<b>Odor Intensity:</b>	Slight	Mild
<b>Specific Gravity:</b>	1.2 (at 25 °C)	.96
<b>Boiling Point:</b>	N/A	>65 °C
<b>Viscosity:</b>	20,000 cps	Not available
<b>Freezing Point:</b>	N/A	Not available
<b>Solubility:</b>	N/A	None

### Section 10 – Stability & Reactivity

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<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	None
<b>Incompatibility:</b>	Base: Oxidizing material can cause a reaction. Catalyst: Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition:</b>	Base: Carbon oxides, carbon compounds, silicon dioxide, metal oxides, quartz, & formaldehyde. Catalyst: 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

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#### Toxicity Data

No applicable data for this section

### Section 12 – Ecological Information

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#### Ecological Data

**Base:** No applicable data for this section.

#### **Catalyst:**

#### **Ecotoxicity Classification Criteria**

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

### Section 13 – Disposal Information

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<b>Waste Disposal:</b>	Base: Dispose in accordance with local, state and federal laws and regulations. Catalyst: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.
<b>Container Disposal:</b>	Catalyst: 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.



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### Section 14 – Transportation Information

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Not regulated by the Department of Transportation.

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### Section 15 – Regulatory Information

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

<b>Hazardous Health Rating:</b>	<b>Base:</b>	Health:	0	Fire:	1	Reactivity:	0
	<b>Catalyst:</b>	Health:	2	Fire:	2	Reactivity:	0

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### Section 16 – Other Information

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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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