

# SAFETY DATA SHEET

## Section 1 - Product and Company Identification

**Product:** AlumiUV  
**Version #:** Version #1  
**Date:** June 15, 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

### 2.1 GHS Classification

<b>NFPA</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>	
	2	1	2	
<b>HMIS</b>	<b>Health</b>	<b>Fire</b>	<b>Reactivity</b>	<b>Personal</b>
	2	1	2	

### 2.2 GHS Signal Word, Hazard Statement, Symbol

**Pictograms by CLP/GHS:**  
**Signal Word:**



**Warning**

#### *Hazard Statements*

Contains materials that may cause eye injury, which may persist for several days. Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. May cause allergic skin reaction which may be severe to some individuals.

#### *Precautionary Statements*

Low volatility makes vapor inhalation unlikely. Contains materials that may be slightly toxic.

## Section 3 - Composition / Information on Ingredients

<b>Ingredient</b>	<b>%</b>	<b>CAS #</b>
Aliphatic Urethane Acrylate	25-35	70766-56-2
Aliphatic Urethane Acrylate	40-60	73297-27-5
Isobornyl Acrylate	15-30	5888-33-5

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### Section 4 – First Aid

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<b>Eye Contact:</b>	Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.
<b>Skin Contact:</b>	Remove contaminated clothing and wash contact area with soap and water for 15 minutes. Particular attention should be paid to hair, nose, ears, and other areas not easily cleaned. (note: effects can be delayed 24-48 hours.)
<b>Inhalation:</b>	Remove to fresh air. If not breathing, administer artificial respiration. Call a physician.
<b>Ingestion:</b>	If appreciable quantities are swallowed, seek medical attention.

### Section 5 – Fire Fighting Measures

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<b>Flash Point (Method Used):</b>	>225 F (PMCC)
<b>Flammable Limits:</b>	Not Determined
<b>Extinguishing Media:</b>	Use Water Spray, Dry Chemical, Foam or Carbon Dioxide
<b>Special Fire Fighting Procedures:</b>	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.
<b>Unusual Fire and Explosion Hazards:</b>	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage containers or vessels. Avoid the use of a stream of water to control fires since frothing may occur.

### Section 6 – Accidental Release Measures

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<b>General:</b>	Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well-ventilated area. Absorb with an inert material and dispose. Prevent washings from entering waterways.
<b>Waste disposal:</b>	Dispose in accordance with local, state and federal laws and regulations.

### Section 7 – Handling and Storage

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<b>General:</b>	Minimum feasible handling temperatures should be maintained. Eye wash and safety shower should be available nearby when this product is handled or used.
<b>Storage:</b>	Minimize exposure to periods of high temperatures. Avoid contamination of water.

### Section 8 – Exposure Controls & Personal Protection

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<b>Clothing:</b>	Gloves, coveralls, apron, boots as necessary to prevent skin contact. Safety shower and eye bath should be provided
<b>Eyes:</b>	Safety glasses with side shields.
<b>Respiration:</b>	NIOSH approved organic vapor respirators are only required when ventilation is inadequate. NIOSH approved air-line respirators with auxiliary escape air tanks or self-contained breathing apparatus should be used in confined spaces.
<b>Ventilation:</b>	Local mechanical exhaust.

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### Section 9 – Physical & Chemical Properties

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**Color:** Milky  
**Form:** Viscous Liquid  
**Odor:** Characteristic Odor  
**Specific Gravity (Water=1):** 1.1  
**Boiling Point:** 400 °F  
**Vapor Density (Air=1):** Heavier than air  
**Solubility in Water:** None  
**Percent Volatile by Volume:** <.05  
**Evaporation Rate:** Slower than Butyl Acetate

### Section 10 – Stability & Reactivity

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**Stability:** Unstable  
**Conditions to Avoid:** Storage >100°f, exposure to light, loss of dissolved air, loss of polymerization inhibitors, contamination with incompatible materials.  
**Incompatibility:** Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, and strong bases.  
**Hazardous Polymerization:** May occur.  
**Hazardous Decomposition Products:** Fumes produced when heated to decomposition may include carbon monoxide, carbon dioxide and nitrous oxides.

### Section 11 – Toxicological Information

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No applicable data for this section

### Section 12 – Ecological Information

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No applicable data for this section.

### Section 13 – Disposal Information

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**Waste Disposal:** Incinerate in furnace or bury in landfill in accordance with federal, state, and local regulations.

### Section 14 – Transportation Information

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Not regulated by the Department of Transportation.

### Section 15 – Regulatory Information

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**Section 311 Hazardous Categorization:**

**Acute X**    **Chronic**    **Fire**    **Pressure**    **Reactive**    **N/A**

**Hazardous Health Rating:**    Health:    2    Fire:    1    Reactivity: 2

### 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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