

# ALUMILITE

## Material Safety Data Sheets

Alumilite Corporation  
315 E. North St.  
Kalamazoo, MI 49007  
269 488-4000

Emergency Telephone: Chemtrec 1-800-424-9300

### Section 1 – Product Information

Amazing Clear Cast “A” side

**Common Chemical Name:** Diglycidylether of Bisphenol - A

**Synonyms:** N/A

**Chemical Family:** Epoxy Resin

**Molecular Weight:** Not Established

### Section 2 - Ingredients

Chemical:	CAS	Amount	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV-TWA mg/m <sup>3</sup>
Epoxy Resin	025085-99-8	90-100	N/A	N/A

These products are not considered to be hazardous according to OSHA Hazard Communication Standard and contain no chemical subject to Sara title III Section 313 supplier notification requirements.

### Section 3- Hazardous Identification

<b>Color:</b>	Blue Tinted
<b>Form/Appearance:</b>	Liquid
<b>Odor:</b>	Sweet Characteristic Odor
<b>Odor Intensity:</b>	Mild

#### Nature of Hazard

**Emergency Overview:** Contact with eyes and skin may cause irritation. Inhalation may result in irritation.

**Eye Contact:** Minor transient irritation. No corneal injury likely.

**Skin Contact:** Only minor irritation. May be a skin sensitizer.

**Skin Absorption:** Not likely to be absorbed through skin in toxic amounts.

**Inhalation:** Not considered a problem unless heated to high temperature.

**Ingestion:** Low acute oral toxicity; LD50 (RAT) Greater than 2000 mg/kg.

### Section 4 – First Aid

<b>Eye:</b>	Flush with large amounts of clean water for 5 minutes. If irritation persists, consult physician.
<b>Skin:</b>	Wash with soap and water. Wash clothing before reuse.
<b>Inhalation:</b>	Remove to fresh air if effects occur; consult physician.
<b>Ingestion:</b>	Induce vomiting if large amounts are ingested.

### Section 5 – Fire Fighting Measures

<b>Extinguishing Media:</b>	Water spray, foam, carbon dioxide, or dry chemical
<b>Fire Fighting Instructions:</b>	Treat as a Class B Fire
<b>Flash Point (Method Used):</b>	485° F (PMCC)

### Section 6 – Accidental Release Measures

<b>General:</b>	Spills should be absorbed with inert material (sand, vermiculite, etc.), sweep or scoop up and put
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in disposal container. Flush area immediately with plenty of water; prevent washings from entering waterways.

### 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 70-80F. Avoid excessive temperatures, low or high. Avoid moisture. Containers should be sealed tightly to prevent contamination from foreign materials.

### Section 8 – Exposure Controls & Personal Protection

**Clothing:** Impervious gloves, coveralls, apron, boots as necessary to prevent skin contact.  
**Eyes:** Safety glasses with side shields.  
**Respiration:** 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.  
**Ventilation:** Use local exhaust to control vapors/mists.

### Section 9 – Physical & Chemical Properties

**Color:** Blue Tinted  
**Form:** Liquid  
**Odor:** Sweet Characteristic Odor  
**Odor Intensity:** Mild  
**Specific Gravity:** 1.12  
**Boiling Pt:** Not Available  
**Freezing Pt:** Not Available  
**Solubility:** No

### Section 10 – Stability & Reactivity

**Stability:** Stable  
**Incompatibility:** Strong acids, Amines, Mercaptans, Bases (in uncontrolled amounts)  
**Hazardous Decomposition Products:** Thermal decomposition may produce Carbon Monoxide and/or Carbon Dioxide.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Strong acids, Amines, Mercaptans, Bases (in uncontrollable amounts)

### Section 11 – Toxicological Information

No applicable data for this section.

### Section 12 – Ecological Information

No applicable data for this section.

### Section 13 – Disposal Information

**Waste Disposal:** Dispose of in compliance with federal, state, or local environmental control regulations. Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

### Section 14 - Transportation Information

Not regulated by the Department of Transportation

### Section 15 - Regulatory Information

**CERCLA:** No  
**SARA Title III, Section 313:** Not Listed  
**Section 311/312:** N/A  
**Section 313:** N/A

### 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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Updated: 12-17-12

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Emergency Telephone: Chemtrec 1-800-424-9300

### Section 1 – Product Information

Amazing Clear Cast “B” side

**Common Chemical Name:** Aliphatic Amine

**Synonyms:** N/A

**Chemical Family:** Epoxy Curing Agent

**Molecular Weight:** Not Established

### Section 2 - Ingredients

Chemical:	CAS	Amount	OSHA PEL mg/m <sup>3</sup>	ACGIH TLV-TWA mg/m <sup>3</sup>
ALIPHATIC AMINE	9046-10-0	30-50%	N/A	N/A
4-(4,6-DIMETHYLHEPTAN-2-yl)				
PHENOL	25154-52-3	50-65%	N/A	N/A

### Section 3- Hazardous Identification

**Color:** Clear Slightly Amber  
**Form/Appearance:** Liquid  
**Odor:** Amonical Odor  
**Odor Intensity:** Mild

#### Nature of Hazard

**Emergency Overview:** Contact with eyes and skin may cause irritation. Inhalation may result in irritation.

**Eye Contact:** Extremely irritating with possible eye injury.

**Skin Contact:** Overexposure could cause burns or blistering.

**Skin Absorption:** Not likely to be absorbed through skin in toxic amounts.

**Inhalation:** Not considered a problem unless heated to high temperature.

**Ingestion:** Low acute oral toxicity; LD50 (RAT) Greater than 2000 mg/kg.

### Section 4 – First Aid

**Eye:** Flush with large amounts of clean water for 5 minutes. If irritation persists, consult physician.  
**Skin:** Wash with soap and water. Wash clothing before reuse.  
**Inhalation:** Remove to fresh air if effects occur; consult physician.  
**Ingestion:** Do not induce vomiting; Give large quantities of water: Give one ounce vinegar in one ounce water: Consult physician.

### Section 5 – Fire Fighting Measures

**Extinguishing Media:** Water spray, foam, carbon dioxide, or dry chemical  
**Fire Fighting Instructions:** Treat as a Class B Fire  
**Flash Point (Method Used):** 255° F (PMCC)

## Section 6 – Accidental Release Measures

**General:** Spills should be absorbed with inert material (sand, vermiculite, etc.), sweep or scoop up and put in disposal container. Flush area immediately with plenty of water; prevent washings from entering waterways.

## 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 70-80F. Avoid excessive temperatures, low or high. Avoid moisture. Containers should be sealed tightly to prevent contamination from foreign materials.

## Section 8 – Exposure Controls & Personal Protection

**Clothing:** Impervious gloves, coveralls, apron, boots as necessary to prevent skin contact.

**Eyes:** Safety glasses with side shields.

**Respiration:** 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.

**Ventilation:** Use local exhaust to control vapors/mists.

## Section 9 – Physical & Chemical Properties

**Color:** Clear Slightly Amber

**Form:** Liquid

**Odor:** Amonical Odor

**Odor Intensity:** Mild

**Specific Gravity:** .95

**Boiling Pt:** >500°F

**Freezing Pt:** Not Available

**Solubility:** Yes

## Section 10 – Stability & Reactivity

**Stability:** Stable

**Incompatibility:** Strong Oxidizers.

**Hazardous Decomposition Products:** Decomposition may produce Carbon Monoxide and/or Carbon Dioxide.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Oxidizing materials.

## Section 11 – Toxicological Information

No applicable data for this section.

## Section 12 – Ecological Information

No applicable data for this section.

## Section 13 – Disposal Information

**Waste Disposal:** Dispose of in compliance with federal, state, or local environmental control regulations. Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

## Section 14 - Transportation Information

Not regulated by the Department of Transportation

## Section 15 - Regulatory Information

**CERCLA:** No

**SARA Title III, Section 313:** Not Listed

**Section 311/312:** N/A

Section 313:

N/A

**Section 16 - Other Information**

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No Data Available.

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