

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product: Amazing Remelt
Version #: Version #1
Date: June 12, 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

| <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

Avoid long term exposure to skin, any ingestion, or inhalation.

Precautionary Statements

Material is hot when in liquid form. Avoid contact with eyes, skin, and clothing when hot. Use appropriate safety equipment for handling of hot liquids including heat resistant gloves, clothing, and eye protection. Do not ingest. Keep away from incompatibles such as oxidizing agents.

Section 3 - Composition / Information on Ingredients

The following components are contained within Amazing Remelt above the reportable limit:

| CAS# | % |
|-----------|-------|
| 9000-70-8 | 5-80% |
| 56-81-5 | 5-80% |

Section 4 – First Aid

If using in liquid form:

Eyes: Get medical aid for possible burn. Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin: Get medical aid. Treat as burn. Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Ingestion: Get medical aid. Treat as burn. Dilute with water. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

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| Inhalation: | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| If in Solid form: | |
| Eyes: | Flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs. |
| Skin: | Wash off material with water. If irritation persists, seek medical attention. |
| Ingestion: | Give several glasses of milk or water. Vomiting may occur, but is not necessary to induce. Never give anything by mouth to an unconscious person. |

Section 5 – Fire Fighting Measures

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| SMALL FIRE: | Use DRY chemical powder. |
| LARGE FIRE: | Use water spray, fog or foam. Do not use water jet. |
| Flash point: | 320 °F |
| Auto-ignition temperature: | 470 C(698 F) (NFPA Fire Protection Guide to Hazardous Materials, 13th ed. 2002; NIOSH ICSC, 2001; CHRIS 2001) |
| Glycerin Flash Points: | CLOSED CUP: 160 °C (320 °F). (Chemical Hazard Response Information System, 2001; Lewis, 1997). OPEN CUP: 177 °C (350.6 °F) (Budavari, 2000; Chemical Response Information System, 2001; NIOSH ICSC, 2001) OPEN CUP: 199 C(390 F) (National Fire Protection Association, Fire Protection Guide to Hazardous Materials, 13 ed., 2002) |
| Flammable Limits: | LOWER: 0.9% |
| Products of Combustion: | These products are carbon oxides (CO, CO ₂), irritating and toxic fumes. |
| Fire Hazards in Presence of Various Substances: | Slightly flammable to flammable in presence of open flames and sparks, of heat, of oxidizing materials. Non-flammable in presence of shocks. |
| Special Remarks on Explosion Hazards: | Amazing Remelt may be incompatible with strong oxidizers such as chromium trioxide, potassium chlorate, or potassium permanganate and may explode on contact with these compounds. Explosive glyceryl nitrate is formed from a mixture of glycerin and nitric and sulfuric acids. Perchloric acid , lead oxide + glycerin form perchloric esters which may be explosive. Glycerin and chlorine may explode if heated and confined. |

Section 6 – Accidental Release Measures

| | |
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| Small Spill: | In solid form: sweep up and dispose of as necessary. In liquid form, Absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning with water on the contaminated surface and dispose of according to local and regional authority requirements. |
| Large Spill: | Stop leak if without risk. If the product is in its solid form: Put the material into a convenient waste disposal container. If the product is in its liquid form: Do not get water inside container. Absorb with an inert material and put the spilled material in an appropriate waste disposal. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. |

Use proper personal protective equipment.

Section 7 – Handling and Storage

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| General: | Use proper personal protective equipment. This material is biodegradable. This material is not considered a hazardous waste. Handle as biodegradable material. |
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Section 8 – Exposure Controls & Personal Protection

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| Respiratory Protection: | Dust protector |
| Ventilation: | Local exhaust as needed. |
| Ventilation: | Mechanical (general) as needed. |
| Eye Protection: | Safety Glasses. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. |
| Skin: | Wear appropriate protective gloves to prevent skin exposure and protect from heat. |
| Clothing: | Wear appropriate protective clothing to prevent skin exposure and protect from heat. |

Section 9 – Physical & Chemical Properties

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|---|------------------------|
| Color: | Amber |
| Form: | Rubbery |
| Lower Flammability Limits: | .9% |
| Odor: | Citrus, or Mint |
| Vapor Density: | 3.1 (vs air) |
| pH: | 5.5 |
| Relative Density: | 1.26 g/cm ³ |
| Melting Point: | 130 °F |
| Freezing Point: | 5 °F |
| Solubility(ies): | 5M at 20 °C |
| Boiling Point and Boiling Range: | 100 °C |
| Flash Point: | 320 °F |
| Evaporation Rate: | .1 |
| Flammability: | Unknown |
| Vapor Pressure: | Approx. 10mmHg (20 °C) |
| Auto-ignition Temperature: | 460 °C |
| Decomposition Temperature: | 90 °C |
| Viscosity: | 1,000- 10,000 Cps |

Section 10 – Stability & Reactivity

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| Stability: | Stable under normal temperatures and pressures. |
| Incompatibility: | Strong oxidizers such as chromium trioxide, potassium chlorate, or potassium. |
| Hazardous Polymerization: | Will not occur. |
| Hazardous Decomposition: | Carbon oxides. |

Section 11 – Toxicological Information

Likely routes of exposure: Inhalation, Ingestion, Skin, and Eye contact.

Common immediate effects

Short term exposure

Inhalation: NA
Ingestion: cramps
Skin contact: Burns (if liquid)
Eye contact: Burns (if liquid)

Common delayed effects

Short term exposure

Inhalation: NA
Ingestion: Cramps, abdominal pain, diarrhea

Long term exposure

Inhalation: NA
Ingestion: Cramps, abdominal pain, diarrhea
Skin contact: Burns, blisters (if liquid)
Eye contact: Burns, blisters, (if liquid)

Long term exposure

Inhalation: NA
Ingestion: Cramps, abdominal pain, diarrhea

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Skin contact: Burns (if liquid)

Eye contact: Burns (if liquid)

Common chronic effects

Short term exposure

Inhalation: NA

Ingestion: Cramps, abdominal pain, diarrhea

Skin contact: Burns, Blisters (if liquid)

Eye contact: Burns (if liquid)

Skin contact: Burns, blisters (if liquid)

Eye contact: Burns, blisters, (if liquid)

Long term exposure

Inhalation: NA

Ingestion: Cramps, abdominal pain, diarrhea

Skin contact: Burns, blisters (if liquid)

Eye contact: Burns, blisters, (if liquid)

Toxicological Data on Ingredients: Glycerin: ORAL (LD50): Acute: 12600 mg/kg [Rat]. 4090 mg/kg [Mouse]. DERMAL (LD50): Acute: 10000 mg/kg [Rabbit]. MIST(LC50): Acute: >570 mg/m 1 hours [Rat].

No exposure limits established for material.

Section 12 – Ecological Information

This material is biodegradable. This material is not considered a hazardous waste. Handle as biodegradable material.

Section 13 – Disposal Information (Non Mandatory)

Waste Disposal: Dispose in an approved landfill in compliance with all regulations or burn in an approved combustion disposal. Handle according to good manufacturing and warehousing practices.

Section 14 – Transportation Information (Non Mandatory)

Not regulated by the Department of Transportation.

Section 15 – Regulatory Information (Non Mandatory)

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

Section 16 – Other Information

No data available

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.

Date: June, 2015

Document Number:

Safety Data Sheet Provided By:

Alumilite Corp.

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