

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product: Red Dye
Version #: Version #1
Date: June 9, 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

Acute toxicity (Oral): Category 5
Eye irritation: Category 2A
Acute aquatic toxicity: Category 3
Chronic aquatic toxicity: Category 3

2.2 GHS Signal Word, Hazard Statement, Symbol

Pictograms by CLP/GHS:
Signal Word:



Hazard Statements

May be harmful if swallowed.
Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.

Precautionary Statements

Wash skin thoroughly after handling.
Avoid release to the environment. Wear eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call doctor/ physician if you feel unwell.

Section 3 - Composition / Information on Ingredients

Hazardous components:

Chemical Name	CAS-No.	Concentration [%]
Aromatic amino polyol-Red	Not Assigned	>= 30 - < 50

Section 4 – First Aid

Eyes: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Skin: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.

Inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

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Section 5 – Fire Fighting Measures

Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Fire Fighting Instructions:	In the event of fire, wear self-contained breathing apparatus.
Flash Point:	240 °C (open cup)

Section 6 – Accidental Release Measures

General:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Try to prevent the material from entering drains or water courses. If the product contaminates rivers and lakes or drains inform respective authorities.
Waste Disposal:	Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

General:	Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area.
Storage:	Keep container closed when not in use. Store in a cool place. Keep away from heat and flame.

Section 8 – Exposure Controls & Personal Protection

Clothing:	Wear impervious clothing. Polyvinyl alcohol or nitrile-butyl-rubber gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before removing gloves clean them with soap and water.
Eyes:	Eye wash bottle with pure water. Tightly fitting safety goggles.
Respiration:	In the case of vapor formation use a respirator with an approved filter.
Ventilation:	Use local exhaust to control vapors/mists.

Section 9 – Physical & Chemical Properties

Color:	Dark Red
Form:	Liquid
Odor:	Sweet
Specific Gravity:	N/A
pH:	6 - 8
Melting point/freezing point:	< 0 °C
Boiling point/boiling range:	> 100 °C
Water Solubility:	Partly miscible
Flash point:	240 °C
Method:	Cleveland open cup
Relative density:	1.1

Section 10 – Stability & Reactivity

Stability:	Stable under recommended storage conditions.
Hazardous Decomposition Products:	No decomposition if stored and applied as directed.
Conditions to Avoid:	No data available.

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Section 11 – Toxicological Information

Aromatic amino polyol-Red:

May cause skin irritation in susceptible persons. Vapors may cause irritation to the eyes, respiratory system and the skin.

Genotoxicity in vitro: Positive results were obtained in some in vitro tests.
Repeated Dose Toxicity: Subacute toxicity.

Section 12 – Ecological Information (Non-Mandatory)

No applicable data for this section

Section 13 – Disposal Information (Non-Mandatory)

Waste Disposal: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company.
Container Disposal: Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section 14 – Transportation Information (Non-Mandatory)

Not regulated by the Department of Transportation

Section 15 – Regulatory Information (Non-Mandatory)

OSHA Hazards: Severe eye irritant

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity:

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ammonium Carbonate	506-87-6	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity:

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Acute Health Hazard

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act: This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

2-Ethylhexanol	104-76-7	0.1 %
UREA	57-13-6	0.1 %

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table116.4A:

Ammonium Carbonate	506-87-6	0.1 %
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The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table117.3:

Ammonium Carbonate	506-87-6	0.1 %
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This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

California Prop 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



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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.

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