



SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product: Black Dye
Version #: Version #1
Date: June 10, 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

The mixture does not meet the criteria for classification.

Precautionary Statements

Observe good industrial hygiene practices. Wash hands after handling. Store away from incompatible materials. Dispose of waste and residues in accordance with local authority requirements.

Section 3 - Composition / Information on Ingredients

Mixtures:

Chemical	CAS #	%
Carbon Black	1333-86-4	20 – 40
Oligomeric Hydrocarbons*	Proprietary*	2.5 – 10
Other components below reportable levels		60 – 80

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4 – First Aid

Eyes: Rinse with water. Get medical attention if irritation develops and persists. Direct contact with eyes may cause temporary irritation.
Skin: Wash off with soap and water. Get medical attention if irritation develops and persists.
Ingestion: Rinse mouth. Get medical attention if symptoms occur.
Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

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Section 5 – Fire Fighting Measures

Extinguishing Media:	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). Do not use water jet as an extinguisher, as this will spread the fire.
Fire Fighting Instructions:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials. During fire, gases hazardous to health may be formed.
Flash Point:	99.2 °C (estimated)

Section 6 – Accidental Release Measures

General:	<i>Large Spills:</i> Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. <i>Small Spills:</i> Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.
Waste Disposal:	Keep in suitable, closed containers for disposal. Never return spills to original containers for re-use. Avoid discharge into drains, water courses or onto the ground.

Section 7 – Handling and Storage

General:	Observe good industrial hygiene practices.
Storage:	Store in original tightly closed container. Store away from incompatible materials.

Section 8 – Exposure Controls & Personal Protection

Occupational exposure limits:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	CAS #	Type	Value
Carbon Black	1333-86-4	PEL	3.5 mg/m ³

US. ACGIH Threshold Limit Values

Components	CAS #	Type	Value	Form
Carbon Black	1333-86-4	TWA	3 mg/m ³	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	CAS #	Type	Value
Carbon Black	1333-86-4	TWA	0.1 mg/m ³

Clothing:	Wear suitable protective clothing. For prolonged or repeated skin contact use suitable protective gloves.
Eyes:	If contact is likely, safety glasses with side shields are recommended.
Respiration:	In case of insufficient ventilation, wear suitable respiratory equipment.
Ventilation:	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

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Section 9 – Physical & Chemical Properties

Color:	Black
Form:	Liquid/Paste
Odor:	Slight to None
Specific Gravity:	N/A
pH:	N/A
Melting point/freezing point:	N/A
Boiling point/boiling range:	3655.15 °C
Flash Point:	99.2 °C
Method:	Estimated
Vapor Pressure:	N/A
Relative Density:	1.152
Density:	9.614 lb/gal
Viscosity, dynamic:	N/A

Section 10 – Stability & Reactivity

Stability:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Hazardous Decomposition Products:	No hazardous decomposition products are known.
Hazardous Polymerization:	No hazards to be specially mentioned.
Incompatible Materials:	Strong oxidizing agents.
Conditions to Avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Section 11 – Toxicological Information

Acute toxicity:

Product	Species	Test Results
DR-20865 ULTRA BLACK (CAS Mixture)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	1416 ml/kg estimated
<i>Oral</i>		
LD50	Rat	26361.4375 mg/kg estimated

Components

Carbon Black (CAS 1333-86-4)	Species	Test Results
Acute		
<i>Oral</i>		
LD50	Rat	> 8000 mg/kg

Inhalation:	Prolonged inhalation may be harmful.
Skin corrosion/irritation:	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye Irritation:	Direct contact with eyes may cause temporary irritation.

Section 12 – Ecological Information (Non-Mandatory)

No applicable data for this section

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Section 13 – Disposal Information (Non-Mandatory)

Waste Disposal: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Container Disposal: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 – Transportation Information (Non-Mandatory)

Not regulated by the Department of Transportation

Section 15 – Regulatory Information (Non-Mandatory)

Hazardous Rating: No Hazards

SARA 313 (TRI reporting)

Chemical	CAS #	% by wt.
Triethylene Glycol Monobutyl Ether	143-22-6	0.1 - 1

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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