

Material Safety Data Sheets

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Section 1 – Product Information

Alumilite Black Dye

Common Chemical Name: HS/LV Black

Synonyms: Colorant

Chemical Family: N/A

Molecular Weight: Not Established

Section 2 - Ingredients

| Chemical: | CAS | Amount | OSHA PEL-TWA |
|-----------------------|-----------|--------|-----------------------|
| Carbon Black | 1333-86-4 | 29.97% | 3.5 mg/m ³ |
| Phosphoric Ester Salt | N/A | 5-10% | |

This product contains one or more reported carcinogens or suspected carcinogens, which are noted NTP, IARC, or OSHA-Z.

This product contains pigments, which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

Section 3- Hazardous Identification

| | |
|-------------------------|-----------------|
| Color: | Black |
| Form/Appearance: | Pigmented Paste |
| Odor: | Slight to None |

Nature of Hazard

Emergency Overview: This product contains carbon black, a substance identified by the International Agency for Research on Cancer (IARC), as a Classification 2b (possibly carcinogenic to humans).

Eye Contact: May cause irritation. Not known to cause permanent damage to eye tissue.

Skin Contact: May cause dermal irritation.

Inhalation: Excessive vapors may cause nasal and respiratory tract irritation.

Ingestion: May cause gastrointestinal irritation, which could include nausea, vomiting, & diarrhea.

Section 4 – First Aid

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|--------------------|---|
| Eye: | Flush with large amounts of clean water for 15 minutes. Flush under both upper and lower lids. Get medical attention. |
| Skin: | Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse. |
| Inhalation: | Remove to fresh air and aid in breathing if necessary. Get medical attention. |
| Ingestion: | Get medical attention. |

Section 5 – Fire Fighting Measures

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| Fire and Explosive Properties of the Chemical: | Emits toxic fumes under fire conditions. |
| Extinguishing Media: | CO ₂ , foam, dry chemical |

Fire Fighting Instructions: Firefighters must wear NIOSH-approved self-contained breathing apparatus and full protective equipment.

Flash Point: 200 degrees F

Autoignition Temp: N/A

Section 6 – Accidental Release Measures

General: Wear appropriate safety equipment. Eliminate all ignition sources. Contain and clean up spill immediately. Prevent from entering floor drains. Contain liquids using absorbents. Vacuum or sweep powders carefully to minimize dusting.

Waste Disposal: Shovel all spilled materials into disposal drums and dispose of in accordance with local, state, and federal regulations. Scrub spill area with detergent and flush with copious amounts of water.

Section 7 – Handling and Storage

General: Avoid excessive inhalation of vapors that might be generated. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not ingest. Keep away from food and feed products.

Storage: Store in a cool, dry place away from excessive heat and moisture.

Section 8 – Exposure Controls & Personal Protection

Clothing: Chemically resistant, impervious shoes or boots. Other protective clothing to prevent skin contact.

Eyes: Chemical goggles; also wear face shield if splashing hazard exists.

Respiration: If the OSHA PEL, ACGIH TLV, or any other TLV for any component listed in Section 2 is exceeded, use NIOSH approved air-purifying respirator.

Ventilation: Use ventilation adequate to maintain safe levels.

Section 9 – Physical & Chemical Properties

Color: Pigmented Paste

Form: Liquid

Odor: Slight to None

Vapor Pressure: .10

Specific Gravity: 1.154

Boiling Pt: Not Available

Freezing Pt: Not Available

Weight per Volume: 9.61 lbs/gal

Section 10 – Stability & Reactivity

Stability: Stable

Polymerization: Will not occur

Conditions to Avoid: Excessive heat, flame and other possible ignition sources, & exposure to moisture.

Incompatibility: Strong acids, strong alkali (bases), peroxides, and other oxidizers.

Hazardous Decomposition: Acrylic monomers.

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: In a licensed, permitted facility, incinerate or landfill as a solid after cementation or encapsulation. Do not discharge into waterways or sewer systems. Spilled material, empty containers and unused contents must be disposed of in accordance with applicable local, state, and federal regulations.

Section 14 - Transportation Information

Not regulated by the Department of Transportation

Section 15 - Regulatory Information

Hazardous Rating: Health 1 Fire 1 Reactivity 1

TSCA Status:

TSCA (United States) The intentional ingredients of this product are listed.

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: 7-5-06