



Material Safety Data Sheets

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Section 1 – Product Information

Product Name: Alumilite Metallic Powder (Bronze)
Chemical Family: Bronze Powder

Section 2 – Ingredients

Components: Proprietary Information

Section 3 – Hazardous Identification

Potential Health Effects

Eye Contact:	May be irritating.
Skin Contact:	May cause irritation or dermatitis. Metallic taste.
Inhalation:	May irritate mucous membranes and respiratory system.
Ingestion:	Possible irritation of gastrointestinal tract. Chronic ingestion of copper increases the risk of Wilson's disease. May cause copper to accumulate in the liver.
Primary Entry Routes:	Skin, eye, and inhalation.
Pre-Existing Medical Conditions Aggravated:	Disorders or diseases of the skin, eye, liver, kidney, respiratory and/or pulmonary system.
Carcinogenicity:	IARC: No NTP: No OSHA: No
Known California Proposition 65 Chemical:	None.

Section 4 – First Aid

First Aid Procedures

Eye Contact	Flush thoroughly with water for 15 minutes or until irritation subsides, occasionally lifting the upper and lower lids. If irritation persists, obtain medical assistance. Contact lenses should not be worn.
Skin Contact:	Wash contacted areas with soap and water. If irritation develops, seek medical attention.
Inhalation:	Move to fresh air. If necessary, administer artificial respiration. Keep victim warm and quiet. Obtain medical assistance.
Ingestion:	Get medical attention.

Section 5 – Fire Fighting Measures

Flashpoint (°F) & Method:	N/A
Flammable Limits:	LEL: N/A UEL: N/A
General Hazard:	Metal powder dust in air can be explosive. These products with particle size smaller than 30 μm are classified as flammable, those above 30 μm are not. See the products lists above for specific product designation.
Extinguishing Media:	Class D dry chemical extinguishing agent or dry sand. Do not use Class A, B, or C extinguishers, water, or foam.
Fire Fighting:	Use SCBA.

Section 6 – Accidental Release Measures

Waste Disposal:	Collect for disposal with shovel, dustpan or other convenient means. Avoid forming dust cloud. Put in drum or other container.
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Section 7 – Handling and Storage

Storage: Store in closed containers. Avoid generation of dust clouds. Do not store near heat, sparks, open flames, or strong oxidants. Do not reuse containers.

Section 8 – Exposure Controls & Personal Protection

Ventilation: Local exhaust ventilation to keep concentrations below exposure limits.
Clothing: Impervious gloves and goggles recommended. Do not wear contact lenses.
Respiration: Dust mask recommended.
Other: Wash hands with soap and water before eating, drinking, or smoking. Eyewash fountain.

Section 9 – Physical & Chemical Properties

Specific Gravity:	8.0 – 8.9
Density (Lb./gal)::	66 - 74
Melting Point, °F	N/D
Vapor Density (Air = 1):	N/A
Boiling Point, °F:	N/A
Vapor Pressure, mmhg, at °F:	N/A
Solubility In Water, Wt. %:	Negligible
Evaporation Rate (N-Butyl Acetate = 1):	N/A
% Volatile (By Weight):	0

Section 10 – Stability & Reactivity

Stability:	Stable
Hazardous Polymerization:	Will not occur.
Conditions To Avoid Hazardous Polymerization:	N/A
Materials and Conditions to Avoid Incompatibility:	Heat, open flames, sparks, water. Strong oxidizing agents. Such as liquid chlorine, concentrated oxygen, sodium hypochlorite, magnesium metal, acetylene gas.
Hazardous Decomposition Products:	None.

Section 11 – Toxicological Information

No toxicity studies have been conducted on this product. Please refer to Section 3 for available information on potential health effects.

Section 12 – Ecological Information

No ecological testing has been done on this product. Please refer to Section 6 for information regarding accidental releases.

Section 13 – Disposal Information

Waste Disposal: Dispose of in landfill or incinerator that is approved to accept metallic powder in accordance with local, state, and federal regulations.



Section 14 – Transportation Information

DOT Shipping Description (Domestic Ground Shipping):

UN Number: N/A
Shipping Name: N/A (not regulated)
Hazard Class: N/A
Packing Group: N/A
Hazard Label: N/A

Flammable Products (see list of Product Names)

UN Number: UN-3089
Shipping Name: Metal Powders, Flammable, n.o.s. (Copper)
Hazard Class: 4.1 Flammable Solid
Packing Group: II
Hazard Label: Flammable Solid 4.1

Section 15 – Regulatory Information

TSCA: All components are listed in the TSCA inventory.
OSHA: This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Known California Proposition 65 Chemical: None

Other: This product(s) contains the following SARA Section 313 Reportable Ingredients: Copper

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

Section 16 – Other Information

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.

Updated: September 2014
Document Number: TOX-1310-B0035 (Rev. 1)