

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product: Gold & Copper Metallic Powder
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

Acute Tox. 4

2.2 GHS Signal Word, Hazard Statement, Symbol

Pictograms by CLP/GHS:



Signal Word: Warning

Hazard Statements

Hazardous if swallowed.
Hazard component of labeling: copper powder

Precautionary Statements

Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Section 3 - Composition / Information on Ingredients

Chemical characterization: Mixtures

Description: Flake Bronze Powder

Dangerous components:

Chemical	CAS #	%
Copper Powder	7440-50-8	>70%
Zinc Powder – Zinc Dust (stabilized)	7440-66-6	>30%

Section 4 – First Aid

General information: Immediately remove any clothing soiled by the product.
Inhalation: Move to fresh air, consult doctor in case of complaints.
Skin: Generally the product does not irritate the skin.
Eye: Flush thoroughly with running water for at least 15 minutes. If irritation persists, obtain medical assistance.
Ingestion: Do not induce vomiting. Seek medical treatment.

Section 5 – Fire Fighting Measures

Extinguishing Media: Dry sand, foam, special powder for metal fires. Do not use water.
Firefighting Instructions: Use firefighting measures that suit the environment.

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Section 6 – Accidental Release Measures

Small/Large Spill: Impervious gloves and goggles recommended. Avoid formation of dust. Do not allow to enter sewage system or any other water course. Pick up mechanically. Do not flush with water or aqueous cleaning agents.

Section 7 – Handling and Storage

General: Avoid formation of dust. Keep unprotected persons away. Keep ignition sources away.
Storage: Store in closed containers in cool, dry place.

Section 8 – Exposure Controls & Personal Protection

Exposure Limits:

Chemical	CAS #			%
Copper	7440-50-8	1 mg/m ³ (as dust)	1 mg/m ³ (as dust)	65 - 99
Zinc	7440-66-6	15 mg/m ³ (total dust)	10 mg/m ³ (total dust)	0 – 32

Exposure Controls: Local exhaust ventilation to keep concentrations below exposure limits.
Personal Protection: Impervious gloves are recommended. Do not wear contact lenses.
Other: Wash hands with soap and water before eating, drinking, or smoking. Eyewash fountain.

Section 9 – Physical & Chemical Properties

Color: Bronze
Form: Powder
Upper/lower Flammability: Not determined
Odor: Characteristic
Vapor Pressure: N/A
Odor Threshold: Not determined
Vapor Density: N/A
pH: N/A
Bulk Density: 0.9-1.4 g/cm³
Melting Point/Freezing Point: Not determined
Solubility(ies): Insoluble in water
Boiling Point: N/A
Flash Point: N/A
Evaporation Rate: N/A
Flammability (solid, gaseous): Flammable
Auto-ignition Temperature: Not determined.
Decomposition Temperature: Not determined
Viscosity: N/A

Section 10 – Stability & Reactivity

Stability: Stable
Incompatibility: Heat, open flames, sparks water. Strong oxidizing agents, such as liquid chlorine, concentrated oxygen, sodium hypochlorite, magnesium metal, acetylene gas.
Hazardous Polymerization: Will not occur
Hazardous Decomposition: None known

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Section 11 – Toxicological Information

Acute toxicity:

Oral LD50 >2000 mg/kg (rat)
Inhalative LC50/4 h >5.4 mg/l (rat)

No irritating or sensitizing effects known for eye or skin.

Not carcinogenic by IARC, NTP or OSHA.

Section 12 – Ecological Information

Do not allow product to reach ground water, water course or sewage system.

Section 13 – Disposal Information (Non Mandatory)

Waste Disposal: Disposal must be made according to official regulations.

Section 14 – Transportation Information (Non Mandatory)

UN Number, Dot and IATA: UN3077

Shipping name: Environmentally hazardous substances, solid, n.o.s. (Brass powder)

Hazard Class: 9 Miscellaneous dangerous substances and articles

Packing Group: III

Hazard Label: 9

Environmental Hazards: Symbol (fish and tree)

Section 15 – Regulatory Information (Non Mandatory)

SARA 313 Listed: Copper and zinc (fumes and dust)

TSCA: All ingredients are listed.

GHS Label Elements: Copper and zinc.

Hazard Pictograms: GHS02, GHS07

Hazard Statements: Flammable solid, Harmful if swallowed.

None of the ingredients are listed as carcinogens.

Section 16 – Other Information

No data available

SAFETY DATA SHEET

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:

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