

MSDS - Material Safety Data Sheet**Product Name:** **Light Bronze Powder****MSDS No.:** 112908**Signs and Symptoms:**

Eye, skin and respiratory tract irritation.

Medical Conditions Generally Aggravated by Exposure:

None known

Emergency and First Aid Procedures:**SKIN CONTACT:** Wash affected area with water. Seek medical attention if irritation occurs or persists.**EYE CONTACT:** Flush eyes with water for at least 15 minutes. Seek immediate medical attention.**INHALATION:** Remove person to fresh air. If person is not breathing give mouth-to-mouth resuscitation and contact a physician.**Other Health Warnings:**

Wash hands thoroughly after handling this material, before eating, smoking, etc.

V. Fire Fighting Measures:**Flash Point:** NA **Lower Explosive Limit:** NA **Upper Explosive Limit:** NA**Fire Extinguishing Media:** Foam, water fog, carbon dioxide or dry chemical extinguishers.**Special Fire Fighting Procedures:**

Firefighters should wear a self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion:

None known

VI. Accidental Release Measures:**Steps to be Taken in Case Material is Released or Spilled:**

Gently sweep up material and discard. Avoid excessive dusting.

VII. Handling and Storage:**Precautions to be Taken:**

Spillage may result in slippery conditions. Care should be taken to avoid dusting when transferring material.

Other Precautions:

None known

VIII. Exposure Controls/Personal Protection:**Ventilation Requirements:****Local Exhaust:** Provide mechanical (general) and/or local exhaust ventilation to control airborne levels below the exposure guidelines.**Personal Protective Equipment:****RESPIRATORY PROTECTION:** Use a NIOSH approved dust mask if the recommended exposure limits are exceeded. Use a dust mask in confined or enclosed spaces, if needed.**PROTECTIVE GLOVES:** Impervious rubber gloves.**EYE PROTECTION:** Wear safety glasses or goggles.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** An apron or suitable clothing to prevent skin contact.

MSDS - Material Safety Data Sheet**Product Name: Light Bronze Powder****MSDS No.: 112908****IX. Physical and Chemical Properties:**

Boiling Point: *	Melting Point: **	Evaporation Rate:	NA
Vapor Pressure (mm Hg.):	1 mm	Vapor Density (AIR = 1):	NA
Solubility in Water:	Insoluble		
Appearance and Odor:	Yellow color; odorless solid		
Other Information:	*BOILING POINT: <4600°F		
	**MELTING POINT: <1982°F		
	VOLATILITY @75°F: NA		
	PERCENT VOLATILE BY VOLUME(%): NA		
	SPECIFIC GRAVITY: NA		

X. Stability and Reactivity:**Stability:**

Stable

Incompatibility (Materials to Avoid):

Avoid strong alkalis, chlorates, bromates, amines, mineral acids, ammonium salts, potassium nitrate, selenium, sodium peroxide, sulfur, tellurium, carbon disulfide, chlorine, chlorine trifluoride, chromic anhydride, fluorine and magnesium.

Decomposition/By Products:

Hydrogen and noxious copper and zinc compounds.

Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

None available

XII. Ecological Information:

None available

XIII. Disposal Considerations:

Waste must be disposed of in an approved landfill in accordance with federal, state and local environmental regulations.

XIV. Transport Information:

Powder, Brass
 Item 30742
 DOT Shipping Class 60
 Non-Hazardous

XV. Regulatory Information:

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Copper	7440-50-8	50-97%
Zinc	7440-66-6	3-50%

MSDS - Material Safety Data Sheet**Product Name: Light Bronze Powder****MSDS No.: 112908****XVI. Other Information:**

The "total dust" and "respirable fraction" exposure limits for Zinc (as Zinc Oxide, dust) CAS# 7440-66-6 are as follows:
OSHA PEL: 5 mg/m³ TWA
ACGIH TLV: 10 mg/m³ TWA

The "fume" exposure limit for Copper CAS# 7440-50-8 is as follows:
OSHA PEL: 0.1 mg/m³ TWA

In this document the following abbreviations were used:

NA: Not Applicable

NE: Not Established