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MSDS - Material Safety Data Sheet

Product Name: **Dark Bronze Powder**

MSDS No.: 113908

I. Basic Information:

Manufacturer: Synair Corporation
Address: 2003 Amnicola Highway, P.O.Box 5269
City, ST Zip: Chattanooga, TN 37406
Emergency Phone: 423-698-8801
Transportation Emergency Phone: Chem-trec 1-800-424-9300
Last Update: 05/13/2002



Chemical State: Liquid Gas Solid
Chemical Type: Pure Mixture

1	● Health
0	● Flammability
0	Reactivity
E	Pers. Protection

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SUB Z	SARA 313	OSHA PEL	ACGIH TLV	Other Limits
7440508	Copper	50-90						1 mg/m3	1 mg/m3	0.1 mg/m3
7440315	Tin oxide	10-50						2 mg/m3	2 mg/m3	NE

III. Hazardous Identification:

Hazard Category: Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Warning!

Reddish to gold color, odorless solid.

Eye and skin irritation may result if recommended exposure limits are exceeded.

Incompatible with strong alkalis, chlorates, bromates, turpentine, amines and mineral acids.

IV. First Aid Measures:

Route(s) of Entry:

Inhalation, Ingestion, Skin and Eye contact.

Health Hazards (Acute and Chronic):

Acute (Short-Term)

Eye, skin and respiratory tract irritation may result if recommended exposure limits are exceeded. Acute exposure may cause metallic taste, nasal ulceration and perforation. Acute poisoning is characterized by hemolysis, jaundice, anuria, hypotension and convulsions.

Chronic (Delayed)

Prolonged skin contact may produce skin sensitization dermatitis. Over-exposure may result in irritation, metal-fume fever, metallic taste and discoloration of the skin and hair. Ingestion may cause vomiting and collapse.

Signs and Symptoms:

Eye, skin and respiratory tract irritation.

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Boiling Point: *	Melting Point: **	Evaporation Rate:	NA
Vapor Pressure (mm Hg.):	NA	Vapor Density (AIR = 1):	NA
Solubility In Water:	Insoluble		
Appearance and Odor:	Reddish to gold color; odorless		
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):

Strong alkalis, chlorates, bromates, turpentine, amines and mineral acids.

Decomposition/By Products:

Hydrogen and noxious copper 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	50-90%

XVI. Other Information:

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