

MATERIAL SAFETY DATA SHEET

Identity (Trade name on label) Copper Powder - 40 Mesh
 UIC, Inc. Part #CM300-030
 CAS Number 7440-50-8
 Date Prepared 7/84
 Date Revised 7/86, 1/92, 8/93, 1/96

Manufactured or Distributed by: UIC, Inc.
 P. O. Box 863
 Joliet, IL 60434
 815-727-5431
 800-424-9300 (for Emergencies)

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

<u>CAS #</u>	<u>Chemical Name</u>	<u>Percent of Weight:</u>
7440-50-8	Copper	100%

This information should be included in all MSDSs that are copied and distributed for this material.

MATERIAL IDENTIFICATION AND INFORMATION

Hazardous Components 1% or greater; Carcinogens 0.1% or greater

<u>COMPONENTS</u>	<u>PEL</u>	<u>OSHA TLV</u>	<u>ACGIH OTHER LIMITS RECOMMENDED</u>
Copper 99.5% (fume)		0.1 mg/m ³ (TWA)	0.2 mg/m ³ (TWA)
(Dusts & mists)	1mg/m ³	1mg/m ³ (TWA)	(TWA)

PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point	2595 C	Specific Gravity	8.940
Vapor Pressure	N/A	Melting Point	1083 C
Vapor Density	N/A	Evaporation Rate	
Solubility in Water	Insoluble	Water Reactive	

Appearance and Odor Deep red metal, odorless

FIRE AND EXPLOSION HAZARD DATA

Flash Point	Non combustible	Auto Ignition Temperature	N/A
Flammability Limits in Air % by Volume	N/A		

Extinguisher Media Use dry chemical. Do not use water.

Special Fire Fighting Procedures Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards This material, like most materials in powder form, are capable of creating a dust explosion. Emits toxic fumes under fire conditions.

REACTIVITY HAZARD DATA

Stability	<u>X</u> Stable	Conditions
	_____ Unstable	to Avoid

