

Science Stuff, Inc.  
1104 Newport Ave  
Austin, TX 78753

Phone (512) 837-6020  
Chemtrec 800-424-9300  
24 Hour Emergency Assistance

Section 1 Identification	
Product Number:	C1611
Product Name:	Copper Shot 99+ %
Trade/Chemical Synonyms	
Formula:	Cu
RTECS:	GL5325000
C.A.S	CAS# 7440-50-8

Health:	1			
Flammability	0			
Reactivity	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA = Not Applicable NE = Not Established				

Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input checked="" type="checkbox"/>	Copper Shot 99+ %	CAS# 7440-50-8	100%	W/W	OSHA TWA 1 mg (Cu)/mf (dust, mist)

**Section 3 Hazard Identification (Also see section 11)**  
Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

**Section 4 First Aid Measures**  
Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

**Section 5 Fire Fighting Measures**

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire/Explosion Hazards: None Known.

**Section 6 Accidental Release Measures**  
Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

**Section 7 Handling and Storage**  
Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

**Section 8 Exposure Controls & Personal Protection**  
Respiratory Protection: None required

Wear appropriate hand gloves to prevent skin exposure

Mechanical Exhaust:

Local Exhaust:

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**Section 9 Physical and Chemical Properties**

Melting Point:	1083 Deg. C	Specific Gravity:	8.94
Boiling Point:	2595 Deg. C	Percent Volatile by Volume:	N/A
Vapor Pressure:	N/A	Evaporation Rate:	N/A
Vapor Density:	N/A	Evaporation Standard:	
Solubility in Water:	Insoluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Reddish lustrous metal	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	N/A	Upper Flamm. Limit in Air:	Not applicable

**Section 10 Stability and Reactivity Information**

Stability: Stable

Conditions to Avoid: Avoid contact with incompatible

<p><b>Fire Fighting Procedure:</b></p>	<p>Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.</p>
	<p>materials.</p> <p><b>Materials to Avoid:</b> Acetylene, magnesium metal (as copper dust)</p> <p><b>Hazardous Decomposition Products:</b> None</p> <p><b>Hazardous Polymerization:</b> Will Not Occur</p> <p><b>Condition to Avoid:</b> None known</p> <p><b>Section 11 Additional Information</b></p> <p>Can irritate eyes, mucous membranes, and pharynx. Can cause nausea, ulcer perforation, metal taste and dermatitis. Conditions aggravated/target organs: Persons with pre-existing eye, skin, or respiratory conditions may be more susceptible</p> <p><b>DOT Classification:</b> Not Regulated</p> <p>DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.</p> <p>Revision    Date Entered:    Approved No:0        9/1/2006            by: WPF</p>

The information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information, whether originating from Science Stuff, Inc. or from an alternate source. Users of this material should satisfy themselves by independent investigation of current scientific and medical information that this material may be safely handled.