



MATERIAL SAFETY DATA SHEET

Manufacturer Name: Trade Name & Synonyms: Chemical Name:	Brand X Metals, Inc. Copper CDA Alloy 122 Copper
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Section I – PRODUCT INGREDIENTS

Material or Component	CAS Number	% Weight	Exposure Limits OSHA PEL		Exposure Limits 8hr TWA		NTP Listed	IARC Listed
			DUST	FUME	DUST	FUME		
Base Metal Copper (Cu)	7440-50-8	99.9	1	.1	1	.2	NO	NO

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES: If exposure to copper dust/fumes are kept below Permissible Exposure Limits (PEL) / Threshold Limit Value (TLV) all trace elements should not pose any health risk. * Chemical(s) listed as a toxic chemical subject to the reporting requirements of Section 313 of Title III of the SARA of 1988 and 400 CFR Part 372.

Section II. PHYSICAL DATA

Material is SOLID at 'Normal Conditions'	Appearance and odor Copper color, Odorless	% Volatile by Volume N/A	Vapor Density N/A
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Acidity / Alkalinity pH = N/A	Melting Point Approx. 1948 F Boiling Point = N/A	Specific Gravity (H2O=1) Approx. 8.9	Vapor Pressure (MM Hg @ 20 C) N/A
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Section III – PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Appropriate dust/mist/fume respirator should be used to avoid excessive inhalation of particulates. If exposure limits are reached or exceeded, use NIOSH approved equipment.	HANDS, ARMS and BODY: Protective gloves should be worn as required for welding, burning or handling operations.
EYES and FACE: Safety glasses should be worn when grinding or cutting. Face shields should be worn when welding, cutting or burning.	OTHER CLOTHING and EQUIPMENT: As required depending on operations and safety codes.

Section IV – EMERGENCY MEDICAL PROCEDURES

INHALATION:	Remove to fresh air; consult a physician. Copper fumes, dust are listed by OSHA as air contaminants (29 CFR 1910.1000 Sub-part Z)
EYE CONTACT:	Flush thoroughly with running water to remove particulate; obtain medical attention
SKIN CONTACT:	Flush thoroughly with water
INGESTION:	Drink water, induce vomiting, call physician



Section V – HEALTH/SAFTEY INFORMATION

Flash Point = N/A	Auto Ignition Temperature = N/A	Flammable Limits in Air = N/A
EFFECTS OF OVEREXPOSURE: Fumes and dust – sneezing, cough, congestion, nausea, metallic tastes, irritation of upper respiratory track, chills and fever.		
STABILITY (X) Stable () Unstable		

Section VI – ENVIRONMENTAL

<p>SPILL OR LEAK PROCEDURES</p> <p>Dust or Fume – wear respirator follow OSHA use instructions, shovel up or vacuum and place in approved DOT container and seal. Wash contaminated clothing.</p> <p>WASTE DISPOSAL METHOD*</p> <p>Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved by Federal, State or Local Laws and Regulations.</p>
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