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**SECTION V - HEALTH HAZARD DATA**

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**EFFECTS OF OVEREXPOSURE**

**Acute (Short term):** Copper dust may be irritating to the skin, eyes, and upper respiratory tract. Molten fumes from the metal may cause fume fever, with flu-like symptoms, metallic taste in the mouth, and nausea.

**Chronic (Long term):** In the dust or metal fume state, it may cause an irritation of the upper respiratory tract. Chronic copper poisoning may result in Wilson's Disease, hepatic cirrhosis, brain damage, or renal disease. Chromates have been identified as human carcinogens.

**Medical Conditions Prone to Aggravation by Exposure:** Allergies or respiratory conditions may be aggravated.

**Primary Routes of Entry:**  Dermal  Inhalation  Ingestion

**Emergency and First Aid Procedures:** SKIN - wash with soap and water. If reddening or irritation occurs, victim should seek immediate medical attention, INHALATION - remove patient to fresh air, in all cases have individual checked by a physician.

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**SECTION VI - REACTIVITY DATA**

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STABILITY:  Unstable  Stable HAZARDOUS POLYMERIZATION:  May Occur  Will Not Occur

CONDITIONS TO AVOID: Due to its toxicity, cadmium dust and fumes should be avoided.

INCOMPATIBILITY (MATERIALS TO AVOID): Copper is not compatible with strong organic acids or acetylene.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Pick up or sweep up and store in a secure container.

WASTE DISPOSAL METHOD: Metals should be recycled.

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**SECTION VIII - SAFE HANDLING & USE PROCEDURES**

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RESPIRATORY PROTECTION: Depending on the physical state of the material (dust or fume), use respiratory protection as recommended by 29 CFR 1910.134, or applicable State regulations.

VENTILATION: Local exhaust is recommended for very dusty conditions.

PROTECTIVE GLOVES: Leather or cotton.

EYE PROTECTION: Safety Glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: N/A

HYGIENIC PRACTICES: Use good personal hygiene when handling copper.

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**SECTION IX - SPECIAL PRECAUTIONS**

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PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: N/A

OTHER PRECAUTIONS: Chromates have been identified as human carcinogens.