Material Safety Data Sheet for Copper Artists' Oil Color

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: Copper Artists' Oil Color

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SECTION 1 -- PRODUCT IDENTITY

Date prepared: 11/02/94         Emergency telephone no.  503/235-1945

Preparer's Name:  R. Gamblin            HMIS Information
Health            2
Chemical name:  Vegetable oil/pigment mixture   Flammability    2
Reactivity        0
Chemical formula:  N/A (mixture)
DOT shipping class:  Compound paint, N.O.S., Not regulated by DOT as a hazardous material.

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SECTION II -- HAZARDOUS INGREDIENTS

Chemical names          CAS#    Wt%     OSHA PEL        ACGIH TLV
Mineral Spirits 64742-47-8      30-50   100ppm  500ppm
Copper *        7440-50-8       30-50   N\A     1mg/m3

These are reportable chemicals under 40 CFR 372. SARA Title III Section 313

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SECTION III -- PHYSICAL CHARACTERISTICS

Boiling range:    300-405 degree F  Specific gravity:  .8-.9
Vapor pressure:  2mm Hg @    % volatile (volume):  30-50
Vapor density:    4.9        Evaporation rate (BuOAc = 1):  0.13

Solubility (specify solvents): Insoluble in water. Soluble in most petroleum solvents.
Appearance and odor: Copper paste; characteristic odor.

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SECTION IV -- FIRE & EXPLOSION DATA

Flash point: 107 degree F     Flammable Limits: LEL: 1.0 UEL: 6.0
Extinguishing media:  CO2 , dry chemical, foam, water fog
Special firefighting procedures: water or foam may cause frothing if directed into
container of burning material. Use water to cool containers exposed to heat.
Unusual fire & explosion hazards: contaminated rags or other easily ignited organic materials are spontaneously combustible. Immerse in water after use.
Reactivity: product is stable
Hazardous polymerization: will not occur
Conditions to avoid: avoid extreme heat

Copper Artists' Oil Color

Hazardous decomposition products:
Usual products of combustion: CO, CO₂ and possibly acrolein.

SECTION V -- HEALTH HAZARD DATA

Route(s) of entry: Eye contact, ingestion of paint
Acute health effects: Eye contact may cause redness or irritation
Inhalation: dizziness, headache, nausea, possible nervous system depression.
Ingestion: Nausea, gastrointestinal irritation or vomiting.
Skin contact: May cause rash, cracking, dryness or defatting of skin.

EMERGENCY FIRST AID PROCEDURES:
Eye contact: wash with clean water for at least fifteen minutes. If irritation persists, get medical attention.
Inhalation: Move individual to fresh air. If breathing has stopped, apply artificial respiration; get medical attention
Skin contact: Wash area with soap and water. If irritation persists, get medical attention.

CHRONIC HEALTH EFFECTS:
Not listed as a carcinogen by the NTP, IARC, or OSHA; no adverse long-term effects are known.
Medical Conditions aggravated by exposure: Existing lung or skin conditions may be aggravated by repeated exposure.

SECTION VI -- SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled: remove all sources of ignition. Soak up spill with absorbent materials.
Waste disposal method: Rags and absorbent materials should be immersed in water. Small amounts can be dried and disposed of as ordinary trash.

SECTION VII - SPECIAL PROTECTION DATA
Respiratory protection: Wear NIOSH approved respirator for organic vapors.
Ventilation: Adequate to keep exposure below TLV.
Protective gloves: Neoprene or rubber if prolonged skin contact is likely.
Eye protection: Safety glasses if eye contact is likely; eyewash fountain should be accessible.

SECTION III -- STORAGE & HANDLING DATA

Precautions to be taken in handling and storage: store away from high temperature, sparks or open flame. Read and observe all precautions on product label.

Other precautions: wash hands after use. Immerse contaminated rags in water.

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