

## MATERIAL SAFETY DATA SHEET

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  
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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  
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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  
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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  
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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

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Hazardous decomposition products:

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

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SECTION V -- HEALTH HAZARD DATA  
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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.

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SECTION VI -- SPILL OR LEAK PROCEDURE  
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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.

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SECTION VII - SPECIAL PROTECTION DATA

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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.

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SECTION III -- STORAGE & HANDLING DATA  
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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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