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00401-9504

## MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.  
PO Box 15009  
Portland, OR 97293

**Product: Copper Artists' Oil Color**

## SECTION 1 -- PRODUCT IDENTITY

Date prepared: 3-23-10 Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin  
Chemical name: Alkyd resin/solvent/pigment mix  
Chemical formula: N/A (mixture)

HMIS Information  
Health 2  
Flammability 2  
Reactivity 0

DOT shipping class: Compound paint, N.O.S., Not regulated by DOT as a hazardous material.

## 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/m <sup>3</sup>

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

## SECTION III -- PHYSICAL CHARACTERISTICS

Boiling range: 300-405 degree F  
Vapor pressure: 2mm Hg @  
Vapor density: 4.9

Specific gravity: .8-.9  
% volatile (volume): 30-50  
Evaporation rate (BuOAc = 1): 0.13

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

## SECTION IV -- FIRE &amp; EXPLOSION DATA

Flash point: 107 degree F Flammable Limits: LEL: 1.0 UEL: 6.0  
Extinguishing media: CO<sub>2</sub>, 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  
Hazardous decomposition products:  
Usual products of combustion: CO, CO<sub>2</sub> 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, and 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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