

(5701-07)

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MATERIAL SAFETY DATA SHEET

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

Product: Cadmium Red Light, Cadmium Red Medium, Cadmium Red Deep,  
Cadmium Orange, Cadmium Orange Deep Artists' Oil Colors

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 10/04/94 Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin HMIS Information  
Health 2  
Chemical name: Vegetable oil/pigment mixture Flammability 1  
Reactivity 0

Chemical formula: N/A (mixture)  
DOT shipping class: Compound paint, N.O.S., Class III Combustible

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
Cadmium sulfide	1306-23-6	59-97	5/mg/m3 (as Cd)	10/2 mg/m3 (as Cd)
Cadmium selenide	1306-24-7	3-55	5 mg/m3 (as Se)	10/2 mg/m3 (as Se)
Zinc Sulfide(PNOC)	1314-98-3	0-5	15/5mg/m3	10mg/m3

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

SECTION III -- PHYSICAL CHARACTERISTICS

Boiling range: N/A Specific gravity: 1 - 1.4  
Vapor pressure: N/A % volatile (volume): 0  
Vapor density: N/A Evaporation rate (BuOAc = 1): N/A

Solubility (specify solvents): Insoluble in water. Soluble in most petroleum solvents.  
Appearance and odor: Red paste, linseed oil odor.

SECTION IV -- FIRE & EXPLOSION DATA

Flash point: 650 degree F  
Extinguishing media: CO2 , dry chemical, 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: N/A  
Ingestion: No known adverse health effects  
Skin contact: No known adverse health effects

**EMERGENCY FIRST AID PROCEDURES:**

Eye contact: wash with clean water for at least fifteen minutes. If irritation persists, get medical attention.  
Inhalation: N/A  
Skin contact: N/A

**CHRONIC HEALTH EFFECTS:**

Cadmium and certain cadmium compounds are listed in IARC and the Annual NTP Report as carcinogenic, but with only limited evidence of carcinogenicity to humans. These listings are based on test results for cadmium compounds other than the pigmentary forms. No known adverse health affects to linseed oil.  
No known medical conditions aggravated by exposure to cadmium oil paints.

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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: none normally required  
Ventilation: none normally required  
Protective gloves: none normally required  
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.

The information contained herein is based on the data available to use and is believe to be correct. However, Gamblin Artists Colors Co. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Gamblin assumes no responsibility for injury from the use of the product described herein.