

Material Safety Data Sheet for CADMIUM RED LIGHT, CADMIUM RED MEDIUM, ... Page 1 of 2

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 ORANGE
ART Sketching OILS

01587 - 3093
- 3094
- 3103
- 3104
- 4533
- 4534

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., Not regulated by DOT as a hazardous mat

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	ACGIH TLV
Cadmium sulfide (as Cd)	1306-23-6	64-100	5/mg/m3	10/2mg/m3
Cadmium selenide (as Se)	1306-24-7		3-55	5mg/m3 10/2mg/m3
Zinc Sulfide (PNOC)	1314-98-3		0-5	

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 solve
Appearance and odor: Red paste; linseed oil odor.

SECTION IV -- FIRE & EXPLOSION DATA

Flash point: 620 degree F
Extinguishing media: CO2, dry chemical, water fog
Special firefighting procedures: water or foam may cause frothing if directed into
Unusual fire & explosion hazards: contaminated rags or other easily ignited organic

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Reactivity: product is stable
Hazardous polymerization: will not occur
Conditions to avoid: avoid extreme heat
Hazardous decomposition products:

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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: 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 is listed as a carcinogen by the NTP & IARC; however, there is conflicting evidence as to whether cadmium pigments offer any risk to human health.

No known adverse health effects to linseed oil.

SECTION VI -- SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled: remove all sources of ignition. Soak

Waste disposal method: Rags and absorbent materials should be immersed in water. Soak

SECTION VII - SPECIAL PROTECTION DATA

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 available

SECTION VIII -- STORAGE & HANDLING DATA

Precautions to be taken in handling and storage: store away from high temperature.

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 believed to be accurate.