

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

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## MATERIAL SAFETY DATA SHEET

Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.  
PO Box 625

Portland, OR 97207

Product: CADMIUM YELLOW LIGHT, CADMIUM YELLOW MEDIUM,  
CADMIUM YELLOW DEEP ART Sketching OILS-----  
SECTION 1 -- PRODUCT IDENTITY  
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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  
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Chemical names                      CAS#                      Wt%                      OSHA PEL                      ACGIH TLV

Cadmium Sulfide 1306-23-6                      64-100                      .05mg/m3                      .5mg/m3  
(as Cd) (as Cd)

Zinc Sulfide 1314-98-3                      0-15                      5mg/m3                      N/A

These are reportable chemicals under 40 CFR 372. SARA Title III Section 313  
-----SECTION III -- PHYSICAL CHARACTERISTICS  
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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: Yellow paste; linseed oil odor.  
-----SECTION IV -- FIRE & EXPLOSION DATA  
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Flash point: 620 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 &amp; explosion hazards: contaminated rags or other easily ignited organic

Reactivity: product is stable

Hazardous polymerization: will not occur

Conditions to avoid: avoid extreme heat  
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CADMIUM YELLOW LIGHT, CADMIUM YELLOW MEDIUM, CADMIUM YELLOW DEEP ART Sketching OILS

Hazardous decomposition products:

Usual products of combustion: CO, CO2 and possibly acrolein.  
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## 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 per  
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 affects to linseed oil.

## SECTION VI -- SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled: remove all sources of ignition. Soa  
Waste disposal method: Rags and absorbent materials should be immersed in water. S

## 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

## SECTION III -- STORAGE &amp; 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 believ