

**02959-3104****MATERIAL SAFETY DATA SHEET**

Re-packaged by GAMBLIN ARTISTS COLORS CO.  
PO Box 15009  
Portland, OR 97293

**Product: Powdered Pigment****Color: Cadmium Red Light, Cadmium Red Medium, Cadmium Red Deep, Cadmium Orange.  
Cadmium Orange Deep****SECTION I -- PRODUCT IDENTITY**

Date updated: 8-22-07

Emergency telephone No. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name:

Health: 2

Flammability: 0

Reactivity: 0

Chemical formula: N/A (Mixture)

DOT Shipping class: Not regulated

**SECTION II -- HAZARDOUS INGREDIENTS**

Chemical & common name	CAS#	Wt%	OSHA PEL	ACGIH TLV
Cadmium Sulfide	1306-23-6	59-97	5mg/m3(as Cd)	10/2mg/m3
Cadmium Selenide	1306-24-7	3-55	5mg/m3(as Cd)	10/2mg/m3
		0.2mg/m3(as Se)	0.2mg/m3(as Se)	
Zinc Sulfide(PNOC)	1314-98-3	0-5	15/5mg/m3	10mg/m3

\*denotes a reportable chemical under 40 CFR 372, SARA Title III Section 313.

**SECTION III - PHYSICAL CHARACTERISTICS**

Boiling Range: N/A

Specific gravity:4.5-4.6

Vapor Pressure: N/A

%Volatile (Volume): N/A

Vapor Density: N/A

Evaporation Rate(BuOAc=1): N/A

Solubility (Specific solvents): Insoluble in water and most petroleum solvents

Appearance and odor: Red or orange powder, no odor.

**SECTION IV -- FIRE & EXPLOSION DATA**

Flash Point: N/A

Extinguishing firefighting procedures: firefighters would wear self-contained breathing apparatus.

Unusual fire &amp; explosion hazards: None known

Reactivity: Produce is stable

Hazardous polymerization: Will not occur

Conditions to avoid: None known

Materials to avoid: None known

Hazardous decomposition products: N/A

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**SECTION V -- HEALTH HAZARD DATA**

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Route(s) of entry: Eye contact, inhalation

**ACUTE HEALTH EFFECTS**

Eye contact: May cause redness, irritation

Inhalation: Material is classified as a nuisance dust; may cause nasal irritation

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 15 minutes. If irritation persists, get medical attention

Inhalation: Remove individual to fresh air

Ingestion: Not applicable

Skin contact: Not applicable

**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.

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**SECTION VI -- SPILL OR LEAK PROCEDURES**

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Respiratory protection: respirator approved for nuisance dusts

Ventilation: Provide an adequate exhaust system that is filtered to avoid creating dust above the TLV

Protective gloves: None normally required

Eye Protection: Safety glasses with side shields if eye contact is likely

Other protective equipment: Eye wash fountain should be accessible if eye contact is likely.

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**SECTION VII -- STORAGE & HANDLING DATA**

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Precautions to be taken in handling and storing: do not store near food or drink

Other precautions: None usually required

This information contained herein is based on the data available to us and is believed 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 Artists Colors Co. assumes no responsibility for injury from the use of the product described herein.

This MSDS conforms to OSHA Hazard Communication Standard 1900.1210 and to SARA Title III Section 313 for supplier notification. BLC 060893