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

SECTION 1 -- PRODUCT IDENTIFICATION

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 material.

SECTION II -- HAZARDOUS INGREDIENTS

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

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

SECTION III -- PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Physical property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling range:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>1 - 1.4</td>
</tr>
<tr>
<td>% volatile (volume):</td>
<td>0</td>
</tr>
<tr>
<td>Evaporation rate (BuOAc = 1):</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility (specify solvents):</td>
<td>Insoluble in water. Soluble in most petroleum solvents.</td>
</tr>
<tr>
<td>Appearance and odor:</td>
<td>Red paste; linseed oil odor.</td>
</tr>
</tbody>
</table>

SECTION IV -- FIRE & EXPLOSION DATA

http://www.gamblincolors.com/msds/cadreddoradoo.html (1 of 3)
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 & explosion hazards:  contaminated rags or other easily ignited organic materials are spontaneously combustible. Immerse in water after use.

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 affects to linseed oil.

SECTION VI -- SPILL OR LEAK PROCEDURE

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.
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 accessible.

SECTION III -- STORAGE & HANDLING DATA

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.