

# MATERIAL SAFETY DATA SHEET

**Trade Name:** RED COLOUR PIGMENT

**Chemical Family:** Unsaturated Polyester Resin

**Formula:** N/A

**Manufacturer:** VENGAR COLOURS &  
COATINGS INC.

#E – 12355 – 83A Avenue  
Surrey, BC V3W 9Y7

**Supplier:** COAST FIBER-TEK

1306 Boundary Road  
Burnaby, BC V5K 4T6  
Tel.# (604) 294-8116

**Emergency Phone #'s:** (604) 501-4872

**Transportation EMG. Phone #** CANUTEC (613) 996-6666  
(604) 930-0650

## **HAZARDOUS INGREDIENTS:**

<b>Cadmium Sulfide:</b>	<b>CAS # 1306-23-6</b>	<b>38.7 %</b>
<b>Cadmium Selenide:</b>	<b>CAS # 1306-24-7</b>	<b>5.7 %</b>
<b>Barium Sulfate:</b>	<b>CAS # 7727-43-7</b>	<b>4.3 %</b>
<b>Silica, Amorphous:</b>	<b>CAS # 7631-86-9</b>	<b>1.0 %</b>

Exposure Limits: N/A

## **PHYSICAL DATA:**

Appearance & Odour: Red paste, pungent odour.  
Vapour Pressure: .08 mmHg at 20EC  
Vapour Density: (Air = 1) >1  
Solubility in Water: Nil  
Specific Gravity: >1  
Evaporation Rate: Slower than n-CUTYL ACETATE  
Boiling Point: N/A  
Freezing Point: N/A  
pH: N/A

## **FIRE & EXPLOSION DATA:**

Flashpoint & Method: N/A  
Flammable Limits: N/A  
Extinguishing Methods: Foam, Carbon Dioxide, Dry chemical, Water fog  
Special Equipment & Procedures: Self contained breathing apparatus. Sensitivity to static discharge. May be sensitive at high dust concentration.

## **REACTIVITY DATA:**

Conditions Contributing to Instability: Heat and direct sunlight  
Incompatible Substances: Acids & Bases  
Hazardous Decomposition Products: Oxides of Cd,S & Hydrogen Sulfide.  
Hazardous Polymerization: Will not occur.

## **HEALTH HAZARDS DATA:**

*NOTE: Health studies have shown that exposure to chemicals pose potential risks which may vary from person to person. Exposure to liquids, vapours, mists or fumes should be minimized.*

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Red Colour Pigment - Pg 2

## **PRINCIPAL HEALTH HAZARDS:**

*Skin Contact:* May cause slight irritation.  
*Eye Contact:* May cause slight irritation.  
*Ingestion:* May cause chronic poisoning cadmium  
*Inhalation:* May cause irritation

## **FIRST AID PROCEDURES:**

*Skin:* Wash with soap and water.  
*Eyes:* Flush with plenty of water. If irritation persists seek medical attention.  
*Ingestion:* Seek medical attention.  
*Inhalation:* Remove to fresh air.

## **PREVENTIVE MEASURES:**

*Skin:* Always apply appropriate barrier cream to exposed skin. Wear impervious gloves (butyl rubber), coveralls and safety footwear.  
*Eyes:* Chemical proof goggles or full face respirator if vapours cause eye irritation.  
*Ingestion:* Wash thoroughly before consuming food stuffs.  
*Inhalation:* Use only in well ventilated areas or use NIOSH approved respiratory protection with organic vapour cartridges.

## **CONTROL MEASURES & PRECAUTIONS**

Keep container tightly closed. Do not consume food, drink or tobacco in work area or material storage areas. Use caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapours of heated materials. Use paper covering absorbent wipes and suitable disposable containers in work area.

## **SPILL, LEAK & DISPOSAL METHODS**

**Review fire and explosion hazards and safety precautions before proceeding with clean up.** Restrict access to area. Contain spill to prevent liquid from entering sewers or waterways. Recover free liquid and use an absorbent material (i.e. sand, vermiculite) to soak up balance. Place in suitable container for disposal.

## **DISPOSAL METHOD**

Dispose only in a facility permitted to dispose of hazardous waste by Federal, Provincial and Municipal regulations.

## **SHIPPING INFORMATION**

Shipping Name:  
Hazard Class: None Regulated  
UN/PIN #:  
Flashpoint:  
WHMIS:

The information contained herein is based on data that we believe to be accurate. No warranty either expressed or implied is made. This information is offered solely for your consideration interpretation and information.

**Preparation Date:** September 1, 2000  
**Prepared by:** Nigel Poore, 1306 Boundary Road, Burnaby, BC V5K 4T6  
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N/A = Not Available