

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

**TRADE NAME (as labeled):** Curable Reducer  
**Description:** Curable Plastisol Ink Reducer

**DATE PREPARED/ REVISED:**

July 22, 2005

### MANUFACTURER'S NAME

Chemical Consultants, Inc.  
1850 Wild Turkey Circle  
Corona, CA 92880-1799 USA

**PREPARER**

J. Monte Ross  
**PHONE NUMBER:**  
(951)735-5511

## II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Polyvinyl Chloride Resin Mixture	9002-86-2	<50	Not Es'td	Not Es'td	
Phthalate Ester	Mixture	<50	Not Es'td	Not Es'td	
Vinyl Chloride Monomer (VCM)	75-01-4	<.05 ppm	5 PPM	1 PPM	

This product as with any other compound made of PVC resins may possibly contain trace amounts of Vinyl Chloride Monomer (VCM) a chemical known to the State of California to cause cancer. This statement is included as required by Proposition 65 of the State of California.

## III. PHYSICAL PROPERTIES

**Vapor density (air =1):** >1  
**Specify gravity:** 1.2  
**Solubility in water:** insoluble  
**Vapor pressure, mmHg at 20 °C:**  
**Appearance and odor:** Viscous White liquid.

**Melting point or range, °F** NA  
**Boiling point or range, °F** >420°F  
**Evaporation rate (butyl acetate =1):** <1  
**pH (1% solution):** NA

## IV. FIRE AND EXPLOSION

**Flash point, °F (give method):** >400(C.O.C.)  
**Auto ignition temperature, °F:** NA  
**Flammable limits in air volume %:** NA  
**Fire extinguishing materials:** water spray ☒ lower (LEL) Unknown upper (UEL) Unknown  
foam ☒ carbon dioxide ☒ dry chemical ☒ other \_\_\_\_\_

### Special fire fighting procedures:

Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved self-contained breathing apparatus.

### Unusual fire and explosion hazards:

Irritating toxic fumes, carbon dioxide and carbon monoxide may form at high temperatures.

## V. REACTIVITY DATA

**Stability:** Stable ☒ Unstable \_\_\_\_\_

### Conditions to avoid:

Avoid prolonged heat and humidity.

### Incompatibility (materials to avoid):

Alkaline Materials, strong acids and oxidizing materials

### Hazardous decomposition products (including combustion products):

Hydrogen Chloride, Carbon Monoxide, Carbon Dioxide

**Hazardous polymerization:** May occur \_\_\_\_\_ Will not occur ☒

### Conditions to avoid:

Do not store near heat or flame.

**VI. HEALTH HAZARD INFORMATION****SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.**

**Inhaled:** May cause irritation of the upper respiratory tract.

**Skin:** Mild irritant, eyes. Mild Irritant.

**Swallowed:** Gastric distress, low toxic hazard.

**HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.**

**Acute:** Possible allergic reaction, (skin) or aggravation of existing skin condition.

**Chronic:** None Known.

**FIRST AID EMERGENCY PROCEDURES:**

**Eye contact:** Flush with water for or use an emergency eyewash station.

**Skin contact:** Wash immediately with soap and water.

**Inhaled:** Remove victim to fresh air.

**Swallowed:** If conscious, induce vomiting. Seek immediate medical attention.

**CARCINOGENICITY?** YES: \_\_\_\_\_ NO:   X  

This product's ingredients are found in this list. Federal OSHA \_\_\_\_\_ NTP \_\_\_\_\_ IARC \_\_\_\_\_ ACGIH \_\_\_\_\_

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions.

**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**

**Spill response procedures (include employee protection measures):** Recover free product. Collect remaining product with absorbent materials.

**Disposal Methods:** Transfer to disposal drum. RCRA Class: Not Regulated. EPA Hazardous Substance RQ: Not Listed

**NOTE:** *Dispose of all wastes in accordance with federal, state, and local regulations.*

**VIII. SPECIAL HANDLING PROCEDURES**

**Respiratory protection (type):** None required under normal use conditions.

**Ventilation and engineering controls:** Good Mechanical ventilation should be provided

**Eye protection (type):** Safety glasses.

**Gloves (specify material):** Nitrile or neoprene gloves to prevent direct skin contact

**Other clothing and equipment:** Adequate protective clothing to prevent skin contact.

**Work practices, hygienic practices:** Wash thoroughly after handling.

**Other handling and storage requirements:** Store away from ignition sources and/ or heat..

**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

HMIS Code System Rating = Health 1; Flammability 1; Reactivity 0.

NFPA 704 Code System Rating= Health 0; Flammability 1; Reactivity 0.

Volatile Organic Compound (VOC) = <.01 lb/ gallon