

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): PRO CHEM WR-3
Description: Emulsion for Silk Screens

DATE PREPARED/ REVISED:

March 21, 2001

MANUFACTURER'S NAME

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

PHONE NUMBER:

(909)735-5511

II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		
			ACGH TLV	OSHA PEL	Other (specify)
Acrylic Polymer	Trade Secret	56			
Vinyl Acetate	108-05-4	.01-.03			

All ingredients of this product are listed on the TSCA INVENTORY

III. PHYSICAL PROPERTIES

Vapor density (air =1):		Melting point or range, °F	
Specify gravity:	Approx. 1.918	Boiling point or range, °F	Approx 100 degrees C
Solubility in water:	Miscible	Evaporation rate (butyl acetate =1):	
Vapor pressure, mmHg at 20 °C:		pH (1% solution):	5.5-6.5
Appearance and odor:	Pink liquid with a slight acetate odor.		

IV. FIRE AND EXPLOSION

Flash point, °F (give method): Not Flammable

Auto ignition temperature, °F: NA

Flammable limits in air volume %: lower (LEL) None upper (UEL) None

Fire extinguishing materials: water spray foam carbon dioxide dry chemical other _____

Special fire fighting procedures:
Use self contained breathing apparatus and appropriate protective clothing.

Unusual fire and explosion hazards:
None

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:
Heat and exposure to light.

Incompatibility (materials to avoid):

Hazardous decomposition products (including combustion products):
CO, CO₂, and unidentified organic compounds.

Hazardous polymerization: May occur Will not occur _____

Conditions to avoid:
Heat and exposure to light.

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

- Inhaled:** Excessive exposure may cause irritation to upper respiratory tract. A single prolonged exposure is not likely to be hazardous. Signs and symptoms of excessive exposure may be central nervous system effect.
- Skin:** Prolonged or repeated exposure may cause skin irritation. A single prolonged exposure may result in the material being absorbed in harmful amounts. Eyes: May cause moderate irritation. May cause corneal injury.
- Swallowed:** Gastric distress, nausea.

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

Acute: Skin irritation, dermatitis.

Chronic: Possible allergic reaction, skin.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing before reuse. Destroy contaminated shoes.

Inhaled: Remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Call a physician.

Swallowed: Induce vomiting if large amounts are ingested. Consult medical personnel.

SUSPECTED CANCER AGENT? YES: _____ **NO:**

This product's ingredients are not found in this list. Federal OSHA _____ NTP _____ IARC _____

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Note to Physician: No specific antidote. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Spillage should be contained by and covered with large quantities of sand, earth, or similar absorbent material, which is then brushed in, vigorously to assist absorption. The mixture may then be collected with a plastic shovel into drums or plastic bags and removed for disposal. Prevent from flowing into ground or surface water.

Disposal Methods: Follow all relevant regulations for disposal.

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

VIII. SPECIAL HANDLING PROCEDURES

Respiratory protection (type): If respiratory irritation is experienced, use an approved air-purifying respirator. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.

Ventilation and engineering controls: Local exhaust ventilation may be necessary for some operations.

Eye protection (type): Chemical goggles/safety glasses.

Gloves (specify material): 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. Wash hands before eating or smoking.

Other handling and storage requirements: Store closed containers in a well-ventilated area. Do not store in sunlight. Ground all equipment.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**TOXICOLOGY**

Threshold Limit Value: Vinyl Acetate 10ppm (1991-1991 ACGIH TWA)

LABELING: Irritant.