

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): CITRA-PASTE
Description: Plastisol Ink Wash

DATE PREPARED/ REVISED:

November 14, 2000

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

d'Limonene

CAS Numbers

5989-27-5

%

<40

Exposure Limits in Air (give units)
ACGH TLV

Not est'd

OSHA PEL

Not est'd

Other (specify)

Vapor density (air =1):

>1

Specify gravity:

0.8532

Solubility in water:

Complete

Vapor pressure, mmHg at 20 °C:

1.9

Appearance and odor:

Colorless, clear liquid with characteristic citrus odor.

Melting point or range, °F

Unknown

Boiling point or range, °F

325

Evaporation rate (butyl acetate =1):

<1

pH (1% solution):

5.88

III. PHYSICAL PROPERTIES

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 205 (TCC)

Auto ignition temperature, °F: Unknown

Flammable limits in air volume %:

lower (LEL) Unknown

upper (UEL) Unknown

Fire extinguishing materials:

water spray
foam

carbon dioxide
dry chemical

other

Special fire fighting procedures:

Caution. Combustible. Do NOT enter confined fire space without full bunker gear, including a positive pressure NIOSH approve self-contained breathing apparatus.

Unusual fire and explosion hazards:

Containers exposed to intense heat should be cooled with water to prevent vapor pressure build up, which could result in container rupture.

V. REACTIVITY DATA

Stability: Stable Unstable

Conditions to avoid:

Keep away from heat, flame and sparks

Incompatibility (materials to avoid):

Strong oxidizing agents acids and alkalis

Hazardous decomposition products (including combustion products):

CO, CO₂ and unidentified organic compounds

Hazardous polymerization: May occur Will not occur

Conditions to avoid:

None known.

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Mist may cause irritation of mucous membranes, nose eyes, and throat.

Skin: May cause irritation or dermatitis in some individuals upon prolonged contact.

Swallowed: May cause irritation of mouth an throat. Nausea and vomiting.

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

Acute: Possible headache, nausea

Chronic: Skin irritation, dermatitis.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with fresh water for at least 15 minutes. Contact a physician if irritation persists

Skin contact: Remove contaminated clothing. Wash with soap and water. If irritation occurs, seek medical aid.

Inhaled: Remove victim to fresh air. If breathing is difficult, seek medical aid.

Swallowed: Induce vomiting. Drink large quantities of milk or water. Seek medical aid.

SUSPECTED CANCER AGENT? YES: _____ NO:

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

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

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Small spills may be wiped. Large spills may be water rinsed and flushed to drain.

Disposal Methods: RCRA Class: Not regulated. EPA Hazardous substance reportable quantity: Not listed.
May be supplied to biological treatment plant or incinerated.

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: General

Eye protection (type): Safety glasses.

Gloves (specify material): Nitrile 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 in a cool dry area.

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) = 207 grams per liter 1.7 lbs per gallon, EPA Method 24

This product contains no chemicals on the SARA Title III Section 313 that are subject to reporting.

This product contains no Proposition 65 designated chemicals.

This product is in compliance with California SCAQMD Rule 1171

Non-photochemically reactive.

Biodegradable, considered drain safe into all sewer systems

Contains no chlorinated or petroleum hydrocarbons.