

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): Top Bond
Description: Screen Printer's Adhesive

DATE PREPARED/ REVISED:

July 01, 2005

MANUFACTURER'S NAME

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

PREPARER

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II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		
			ACGH TLV	OSHA PEL	Other (specify)
Vinyl Acetate Monomer	108-05-4	<.5			
Arctic Polymer		> 50	Not est'd		

III. PHYSICAL PROPERTIES

Vapor density (air =1):	>1	Melting point or range, °F	30
Specify gravity:	1.09	Boiling point or range, °F	210
Solubility in water:	Dispersible	Evaporation rate (butyl acetate =1):	< 1
Vapor pressure, mmHg at 20 °C:	18	pH (1% solution):	5.1

Appearance and odor:
White thick liquid with slight acetic odor.

IV. FIRE AND EXPLOSION

Flash point, °F (give method): None

Auto ignition temperature, °F: None

Flammable limits in air volume %: lower (LEL) NA upper (UEL) NA

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

Special fire fighting procedures:
None

Unusual fire and explosion hazards:
None.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:
None

Incompatibility (materials to avoid):
None known.

Hazardous decomposition products (including combustion products):
Carbon dioxide, Carbon monoxide.

Hazardous polymerization: May occur _____ Will not occur

Conditions to avoid:
None

VI. HEALTH HAZARD INFORMATION**SYMPTOMS OF OVEREXPOSURE** for each potential route of exposure.**Inhaled:** NA**Skin:** May irritate or absorb through skin.**Swallowed:** Will cause stomach irritation.**HEALTH EFFECTS OR RISKS FROM EXPOSURE:** Explain in lay terms.**Acute:** EYES: Moderate irritant. SKIN: May irritate.**Chronic:** Dermatitis, eczema, upon prolonged or repeated contact.**FIRST AID EMERGENCY PROCEDURES:****Eye contact:** Flush eyes with running water for 15 minutes. Seek medical aid if irritation persists.**Skin contact:** Wash thoroughly after contact.**Inhaled:** NA**Swallowed:** Do not induce vomiting. Seek medical attention.**CARCINOGENICITY?** YES: _____ NO:

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):** Flush spilled liquids with water.**CAUTION:** Floors may become very slippery. Use care to avoid falls.**Disposal Methods:** For quantities less than 100 gallons, product may be diluted (50 or more times) with water and discharged to an industrial sewer. For very small quantities, allow product to harden evaporation.**NOTE:** Dispose of all wastes in accordance with federal, state, and local regulations.**VIII. SPECIAL HANDLING PROCEDURES****Respiratory protection (type):** Not required**Ventilation and engineering controls:** General ventilation recommended.**Eye protection (type):** Safety glasses.**Gloves (specify material):** Butyl rubber or nitrile.**Other clothing and equipment:** Adequate protective clothing to prevent skin contact.**Work practices, hygienic practices:** Wash hands thoroughly after contact and before eating or smoking.**Other handling and storage requirements:** No special requirements**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

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

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

Volatile Organic Compounds (VOC) = None contained in this product.

Contains no chemicals that are subject to reporting requirements of SARA Title III Section 313 and 40 CFR/372