

LITHCO MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

TRADE NAME: Lithco Brush Opaque Pen - Red

MANUFACTURER'S NAME: Lithco, Inc. • 9449 Jefferson Blvd. • Culver City, CA 90232-2913

PHONE NUMBER FOR ADDITIONAL INFORMATION: (310) 559-7770 or (800) 454-8426

FAX NUMBER FOR ADDITIONAL INFORMATION: (310) 559-6908 or (888) 454-8426

EMERGENCY INFORMATION: For chemical emergency, spill, leak, fire, exposure or accident call Infotrac, day or night, at (800) 535-5053.

DATE PREPARED OR REVISED: 7-5-02 (Replaces 2-3-98)

PREPARED BY (optional):

SECTION II: HAZARDOUS INGREDIENTS

			EXPOSURE LIMITS		
Chemical Names	CAS Numbers	%	ACGIH TLV	OSHA PEL	OTHER
Benzyl Acetate	140-11-4		TCLo: 50 ppm		
Acetone	67-64-1		750 ppm	1000 ppm	STEL 1000 ppm
Phenolic Resin	9003-35-4		TLV & PEL not established		

HMIS RATING: Health: 1 Fire: 2 Reactivity: 0 Personal protection: A

SECTION III: PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1): 2.62

MELTING POINT/RANGE: Not applicable.

SPECIFIC GRAVITY: 1.2

BOILING POINT/RANGE: F° 369

SOLUBILITY IN WATER: Approximately 40%

EVAPORATION RATE (BuAc = 1): 1.3

VAPOR PRESSURE, mm Hg @ 20 degrees C.: 0.08

APPEARANCE AND ODOR: Red liquid with sweetish odor.

This product contains 60 % VOC by formulation.

VOC = 6.0 LB/GAL.

This product is photochemically reactive (CA Rule 102).

SECTION IV: FIRE AND EXPLOSION

FLASH POINT, degrees F. (give method): 99° TOC

AUTO-IGNITION TEMPERATURE, degrees F.: 790°

FLAMMABLE LIMITS IN AIR (VOLUME %) Not determined

FIRE EXTINGUISHING MATERIALS: Foam

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

This form complies with and is essentially similar to OSHA Form 174 as specified in 29CFR 1910.1200 (Federal OSHA Hazard Communication Standard) and complies with requirements of CAL/OSHA.

SECTION V: HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE

INHALED: Headache, dizziness, nausea.

CONTACT WITH SKIN OR EYES: Reddening and drying of skin; severe eye irritant.

ABSORBED THROUGH SKIN: Not a likely route of exposure.

SWALLOWED: Irritation of mouth, severe gastrointestinal distress.

HEALTH EFFECTS OR RISKS FROM EXPOSURE (Explain in lay terms)

ACUTE: Headache, dizziness, nausea, irritation of skin and eyes, drying of skin.

CHRONIC: None.

FIRST AID EMERGENCY PROCEDURES

EYE CONTACT: Flush with running water for 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Wash thoroughly with soap and water.

INHALED: Remove victim to fresh air. If breathing stops or becomes difficult, apply artificial respiration and seek medical attention.

SWALLOWED: Induce vomiting. Seek medical help.

SUSPECTED CANCER AGENT?

NO. FEDERAL OSHA

YES. NTP IARC. Benzyl Acetate is listed as having limited evidence in animals by IARC and some evidence by NTP. No listings for humans.

California employers using CAL/OSHA regulated carcinogens must register with CAL/OSHA. The CAL/OSHA and Federal OSHA carcinogen lists are similar.

CALIFORNIA PROP. 65 STATEMENT

THIS PRODUCT DOES **NOT** CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR CAUSE REPRODUCTIVE HARM.

PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None known.

SECTION VI: REACTIVITY DATA

PRODUCT IS STABLE.

CONDITIONS TO AVOID: Sources of ignition.

INCOMPATIBILITY (materials to avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS, INCLUDING COMBUSTION: Carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION WILL **NOT** OCCUR.

CONDITIONS TO AVOID: None known.

SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL RESPONSE PROCEDURES, INCLUDING EMPLOYEE PROTECTION: Extinguish sources of ignition. Due to packaging of product, quantity of spill will be small. Soak up with inert absorbant.

PREPARING WASTES FOR DISPOSAL (containers, neutralization, etc.): Collect contaminated absorbant into metal container approved by DOT for transportation of flammable liquids.

NOTE: DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII: SPECIAL HANDLING INFORMATION

VENTILATION AND ENGINEERING CONTROLS: Local exhaust for personal confort levels.

RESPIRATORY PROTECTION (TYPE): Normally not required. NIOSH/MSHA approved for organic vapors when handling spills with concentration above TLV.

EYE PROTECTION (TYPE): Normally not required. Splashproof chemical goggles for handling spills.

GLOVES (SPECIFY MATERIAL): Normally not required. Vinyl, nitrile or neoprene for handling spills.

OTHER CLOTHING AND EQUIPMENT: Eyewash station should be provided.

WORK PRACTICES, HYGIENIC PRACTICES: Wash hands thoroughly after use and before eating, drinking, smoking or using the toilet.

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep pen tightly capped when not in use. Store away from sources of ignition. Keep from reach of children. For industrial use only.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: None required.

SECTION IX: SHIPPING INFORMATION

FULL DOT SHIPPING NAME: Flammable liquid, N.O.S. (Acetone).

DOT HAZARD CLASSIFICATION: Flammable liquid, class 3 **UN/NA NUMBER:** UN 1993

SECTION X: ENVIRONMENTAL STATEMENT

THIS PRODUCT IS NOT SUBJECT TO REPORTING ACCORDING TO SARA, TITLE III (SUPERFUND AMENDMENT).

Information contains in this safety data sheet is drawn from recognized sources and is believed to be accurate and correct as of the date of issue. It is presented for your evaluation of the suitability of the product and for compliance with federal and state regulations. No claims are made for the accuracy, completeness and reliability of the information contained herein.