

LITHCO MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

TRADE NAME (as labeled) Lithco 0.1mm Opaque Pen

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		50 ppm	Not. Est.	N/A
Phenolic Resin	9003-35-4		Not. Est.	Not. Est.	N/A

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

SECTION III: PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1): 3.0

MELTING POINT/RANGE: -40°F

SPECIFIC GRAVITY: 0.9

BOILING POINT/RANGE: 320°F

SOLUBILITY IN WATER: 10 %

EVAPORATION RATE (BuAc = 1): 1.3

VAPOR PRESSURE, mm Hg @ 20 degrees C.: 3.7

APPEARANCE AND ODOR: Red liquid, pungent odor

This product contains 80 % VOC by formulation. VOC = 6.00 LB/GAL or 720 GM/LITER.

This product is not photochemically reactive.

SECTION IV: FIRE AND EXPLOSION

FLASH POINT, degrees F. (give method): 122 TCC

AUTO-IGNITION TEMPERATURE, degrees F.: N.D.

FLAMMABLE LIMITS IN AIR (VOLUME %), LOWER N.D. UPPER N.D.

FIRE EXTINGUISHING MATERIALS:

WATER SPRAY **XX** FOAM **XX** CARBON DIOXIDE **XX** DRY CHEMICAL **XX** OTHER

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear SCBA for fires involving large quantities of this product.

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: Drying and irritation of skin. Severe irritation to eyes.

ABSORBED THROUGH SKIN: Not an expected route of exposure.

SWALLOWED: Not an expected route of exposure.

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

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

CHRONIC: None known.

FIRST AID EMERGENCY PROCEDURES

EYE CONTACT: Flush eyes for 15 minutes with running water. Consult physician if irritation persists.

SKIN CONTACT: Wash affected area with soap and water after removing contaminated clothing. Apply first aid cream if irritation persists. Launder contaminated clothing before wearing again.

INHALED: Remove victim to fresh air. If breathing stops, administer artificial respiration or CPR and seek immediate medical attention.

SWALLOWED: Induce vomiting with warm salt water. Seek medical attention immediately.

SUSPECTED CANCER AGENT?

NO. THIS PRODUCT'S INGREDIENTS ARE NOT FOUND IN THE LISTS BELOW.

YES. FEDERAL OSHA 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 at time of preparation.

SECTION VI: REACTIVITY DATA

PRODUCT IS STABLE UNSTABLE

CONDITIONS TO AVOID: None known

INCOMPATIBILITY (materials to avoid): None known.

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

HAZARDOUS POLYMERIZATION MAY OCCUR WILL NOT OCCUR.

CONDITIONS TO AVOID: None known.

SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES

SPILL RESPONSE PROCEDURES, INCLUDING EMPLOYEE PROTECTION: Wear gloves and NIOSH approved respirator for concentrations above TLV. Soak up spill with inert absorbent material.

PREPARING WASTES FOR DISPOSAL (containers, neutralization, etc.): Place waste in container approved by DOT for transportation of hazardous materials.

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 comfort levels.

RESPIRATORY PROTECTION (TYPE): NIOSH approved for organic vapors

EYE PROTECTION (TYPE): Splash proof chemical goggles

GLOVES (SPECIFY MATERIAL): Vinyl, PVC, neoprene, nitrile

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 tightly capped when not in use. Avoid prolonged breathing of concentrated vapors. Keep from reach of children.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Follow guidelines specified in other sections of this MSDS.

SECTION IX: SHIPPING INFORMATION

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

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

SECTION X: ENVIRONMENTAL STATEMENT

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

Information contained 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.