

# LITHCO MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION

**TRADE NAME** (as labeled) Lithco Glass Brite

**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 8-8-00)

**PREPARED BY** (optional):

## SECTION II: HAZARDOUS INGREDIENTS

			EXPOSURE LIMITS		
Chemical Names	CAS Numbers	%	ACGIH TLV	OSHA PEL	OTHER
Ethyl Alcohol	64-17-5	4-20	1000 ppm	1000 ppm	N/A
2-butoxyethanol	111-76-2	1-10	25 ppm	25 ppm skin	N/A
Methyl alcohol	67-56-1	<1	200 ppm	200 ppm	N/A
Deionized water	7732-18-5	70-90	N/A	N/A	N/A
Liquified Petroleum Gas	68476-85-5	1-5	1000 ppm	1000 ppm	N/A

**HMS RATING:**

Health: 1

Fire: 1

Reactivity: 0

Personal protection: A

## SECTION III: PHYSICAL PROPERTIES

**VAPOR DENSITY (AIR = 1):** >1.0

**MELTING POINT/RANGE:** N/D

**SPECIFIC GRAVITY:** <1.0

**BOILING POINT/RANGE:** 212 °F

**SOLUBILITY IN WATER:** 100%

**EVAPORATION RATE (BuAc = 1):** < BuAc

**VAPOR PRESSURE, (in can)** 140 psig @ 130° F

**APPEARANCE AND ODOR:** White foam, floral odor

**This product contains 11.7 % VOC by formulation, including propellant (112 gm/l or 0.93 lb/gal). VOC = 49.75 GM/CAN.**

**This product is not photochemically reactive.**

## SECTION IV: FIRE AND EXPLOSION

**FLASH POINT, degrees F.** Non-flammable per 16CFR1500.45 **AUTO-IGNITION TEMPERATURE, degrees F.:** N.D.

**FLAMMABLE LIMITS IN AIR (VOLUME %), LOWER** 1.8 % **UPPER** 9.2 %

**FIRE EXTINGUISHING MATERIALS:**

WATER SPRAY:	FOAM: XXX	CARBON DIOXIDE: XXX	DRY CHEMICAL: XX	OTHER: N/A
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**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighting personnel should wear full bunker gear with NIOSH approved SCBA.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Cool exposed containers with water fog to prevent explosions. Containers may rupture or burst above 120° F.

*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:** Inhalation of vapors in high concentrations may produce headache, dizziness and nausea.

**CONTACT WITH SKIN OR EYES:** Can cause severe eye irritation, redness, tearing and blurred vision. Prolonged or repeated contact with skin may lead to drying, irritation and dermatitis.

**ABSORBED THROUGH SKIN:** Possible skin absorption.

**SWALLOWED:** Can cause gastrointestinal irritation, nausea, diarrhea. Aspiration into lungs can cause chemical pneumonitis. This product contains 2-butoxyethanol, which if ingested in significant quantities may result in red blood cell hemolysis.

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

**ACUTE:** Eye irritation if contacted, including redness, burning, tearing and temporary blurred vision. Ingestion may cause upset stomach, vomiting and diarrhea.

**CHRONIC:** None known.

**FIRST AID EMERGENCY PROCEDURES**

**EYE CONTACT:** Flush eyes for at least 15 minutes with running water while holding eyelids open. Get medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation persists. Do not wear contaminated clothing until properly laundered.

**INHALED:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration or CPR if not breathing. Seek medical attention.

**SWALLOWED:** Dilute with water. Do not induce vomiting. If vomiting occurs, keep victim's head below knees to prevent aspiration into lungs. Contact poison control center.

**SUSPECTED CANCER AGENT?**

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

YES.  FEDERAL OSHA  NTP  IARC

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:** Pre-existing skin or eye disorders may be aggravated by this product..

**SECTION VI: REACTIVITY DATA**

**PRODUCT IS XXX STABLE \_\_\_\_\_ UNSTABLE**

**CONDITIONS TO AVOID:** Do not store above 130° F. Keep away from heat, direct sunlight, open flames or sparks.

**INCOMPATIBILITY** (materials to avoid): Strong oxidizing agents, sources of ignition.

**HAZARDOUS DECOMPOSITION PRODUCTS, INCLUDING COMBUSTION:** Carbon monoxide, carbon dioxide and unburned hydrocarbons

**HAZARDOUS POLYMERIZATION \_\_\_\_\_ MAY OCCUR XXX WILL NOT OCCUR.**

**CONDITIONS TO AVOID:** None under normal product use.

**SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES**

**SPILL RESPONSE PROCEDURES, INCLUDING EMPLOYEE PROTECTION:** Extinguish all sources of ignition. Contain spill. Wear SCBA for airborne concentrations above TLV. Use sparkproof tools during clean-up. Soak up with inert absorbent.

**PREPARING WASTES FOR DISPOSAL** (containers, neutralization, etc.): Place in non-leaking containers suitable for material and certified for transporting hazardous waste.

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

**SECTION VIII: SPECIAL HANDLING INFORMATION**

**VENTILATION AND ENGINEERING CONTROLS:** Provide ventilation to keep airborne concentration below TLV.

**RESPIRATORY PROTECTION (TYPE):** NIOSH/MCA approved for organic vapors for concentrations above TLV.

**EYE PROTECTION (TYPE):** Splashproof chemical goggles.

**GLOVES (SPECIFY MATERIAL):** Neoprene, nitrile or PVC.

**OTHER CLOTHING AND EQUIPMENT:** Eyewash station and safety shower 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 containers closed when not in use. Do not use near sources of ignition. Avoid prolonged or repeated contact with skin or breathing of vapors. Keep from children. For industrial use only.

**PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:** Use protective gear as indicated above. Do not start electrical equipment in presence of vapors.

**SECTION IX: SHIPPING INFORMATION**

**FULL DOT SHIPPING NAME:** Consumer Commodity

**DOT HAZARD CLASS:** ORM-D **PACKING GROUP:** N/A **UN/NA NUMBER:** None assigned

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**SECTION X: ENVIRONMENTAL STATEMENT**

**THIS PRODUCT IS SUBJECT TO REPORTING ACCORDING TO SARA, TITLE III (SUPERFUND AMENDMENT), Section 313.**

The reportable components are 2-butoxyethanol (1 – 10 %) and methyl alcohol (<1.0 %).

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.