

LITHCO MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

TRADE NAME (as labeled) **GlazeAway™**

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 2-28-02)

PREPARED BY (optional):

SECTION II: HAZARDOUS INGREDIENTS

			EXPOSURE LIMITS		
Chemical Names	CAS Numbers	%	ACGIH TLV	OSHA PEL	OTHER
Acetone	67-64-1		750 ppm	750 ppm	250 ppm STEL NIOSH
Isopropyl alcohol	67-63-0		400 ppm	400 ppm	N/A
2-butoxy ethanol	111-76-2		25 ppm skin	25 ppm skin	N/A

HMS RATING:

Health: 2

Fire: 3

Reactivity: 0

Personal protection: B

SECTION III: PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1): > 1.0

MELTING POINT/RANGE: N.D.

SPECIFIC GRAVITY: 0.90

BOILING POINT/RANGE: 130 - 340 °F

SOLUBILITY IN WATER: miscible

EVAPORATION RATE (BuAc = 1): N/A

VAPOR PRESSURE, mm Hg @ 20 degrees C.: N.D.

APPEARANCE AND ODOR: Clear liquid, alcohol odor

This product contains 2.70 LB/GAL or 324 GM/LITER VOC by formulation.

This product is not photochemically reactive.

SECTION IV: FIRE AND EXPLOSION

FLASH POINT, degrees F. (give method): <20°F TCC

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

FLAMMABLE LIMITS IN AIR (VOLUME %), LOWER 2.6 % UPPER 12.8 %

FIRE EXTINGUISHING MATERIALS:

WATER SPRAY: NO	FOAM: XX	CARBON DIOXIDE: XX	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. Vapors are considerably heavier than air and will follow air currents. Distant sources of ignition are possible.

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, drunkenness, irritation of upper respiratory system

CONTACT WITH SKIN OR EYES: Severe irritation. Prolonged contact may cause chemical burns or blistering. May cause corneal damage – DO NOT wear contact lenses when using this product.

ABSORBED THROUGH SKIN: Skin absorption may cause liver, kidney or central nervous system disorders.

SWALLOWED: Severe gastrointestinal distress. DO NOT INDUCE VOMITING. Seek immediate medical attention.

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

ACUTE: Headache, dizziness, nausea and drunkenness, reddening and burning of skin and/or eyes.

CHRONIC: No known effects at time of preparation.

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: DO NOT INDUCE VOMITING. If vomiting occurs, keep victim's head below hips to prevent aspiration into lungs, which may cause aspiration pneumonitis. Seek immediate medical attention.

SUSPECTED CANCER AGENT?

XXX 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 ANY 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 disorders and/or impaired lung function disorders.

SECTION VI: REACTIVITY DATA

PRODUCT IS XXX STABLE _____ UNSTABLE

CONDITIONS TO AVOID: Avoid contact with heat, sparks and open flame. May attack certain plastics.

INCOMPATIBILITY (materials to avoid): Strong oxidizing agents, sources of ignition. Acetone can form explosive peroxides on contact with strong oxidants such as acetic acid, nitric acid or hydrogen peroxide. Reacts with chloroform and bromoform under basic conditions, causing a fire and explosion hazard.

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 or face shield. Do not wear contact lenses when using this product.

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: Flammable liquids, n.o.s. (acetone, isopropanol)
DOT HAZARD CLASS: 3 **PACKING GROUP:** II **UN/NA NUMBER:** UN 1993

SECTION X: ENVIRONMENTAL STATEMENTS

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

311/312 Hazard Categories: Ignitable substance.

313 Reportable ingredients: 2-butoxy ethanol 10% (CAS 111-76-2)

EPA Reportable Quantity: 8,000 pounds or more of GlazeAway in a single container.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act)

This product contains acetone (CAS 67-44-1). Contact local authorities for reporting requirements.

TSCA (Toxic Substances Control Act)

The components of this product are listed on the TSCA inventory.

STATE REQUIREMENTS:

Acetone (CAS 67-44-1) and Isopropanol (CAS 67-63-0) are regulated by the following states in various statutes: CA, CT, FL, IL, LA, MA, ME, MN, NJ, PA and RI.

2-butoxy ethanol (CAS 111-76-2) is regulated by the following states in various statutes: CA, FL, IL, LA, MA, ME, MN, NJ, PA and RI.

Other states may also have special requirements. For details on a specific state, contact the appropriate agency for the state involved.

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.