

# MATERIAL SAFETY DATA SHEET

*Product Name:* Lad-o-Lac  
*Catalog Number:* 71000  
*Chemical Family:* Lacquers  
*DOT Hazard Class:* Flammable Liquid (3)  
*DOT Proper Shipping Name:* Ethyl Acetate Solution  
*UN/NA ID No.:* UN1173  
*MSDS Updated:* 9/2011

*Distributed By:* Ladd Research Industries  
83 Holly Court  
Williston, VT 05495  
(802) 658-4961

## HAZARDOUS COMPONENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Ethyl Acetate	141-78-6	87.8(w/w)	400 ppm (OSHA PEL)
Dibutyl Phthalate	84-74-2	2.1(w/w)	5mg/m <sup>3</sup> (OSHA PEL)
Cellulose Acetate Propionate	9004-39-1	10.1 (w/w)	Not determined

## PHYSICAL AND CHEMICAL DATA

Boiling Point: 77°C  
Specific Gravity: 0.9  
Vapor Pressure: 73 mm Hg @ 20°C  
Vapor Density: 3.04  
Melting Point: -83.6°C  
Solubility in Water: Slight  
Appearance and Odor: Clear, fragrant, viscous liquid

## FIRE AND EXPLOSION DATA

Flash Point: -4.4°C (Closed Cup)  
Autoignition Temperature: 426°C  
Lower Explosive Limit: 2.2% in air  
Upper Explosive Limit: 11.5% in air  
Extinguishing Media: Carbon dioxide, dry chemical, alcohol or polymer foam  
Unusual Fire and Explosion Hazards: Forms explosive mixtures in air. Unvented vapors may flash back from ignition sources. Containers heated under fire conditions may explode.

## HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, skin absorption  
Inhalation: Irritation to nose and throat. May cause nausea, vomiting, narcotic effect  
Skin: Dryness, irritation. May be absorbed through skin.  
Eye: Possibly severe irritation.

## EMERGENCY AND FIRST AID

Inhalation: Remove to fresh air. Administer artificial respiration if not breathing. Seek medical attention.  
Skin: Wash with soap and water until no sign of the material remains.  
Eye: Rinse eyes with copious amounts of water. Seek medical attention if symptoms persist.

## REACTIVITY DATA

Stability: Stable under normal conditions.  
Hazardous Polymerization: Will not occur.  
Conditions to avoid: Ignition sources, high temperatures, moisture.  
Incompatibility: Oxidizers, acids, bases, lithium aluminum hydride.

Hazardous decomposition products: Carbon dioxide, carbon monoxide

**SPILL, DISPOSAL AND STORAGE INFORMATION**

In Case of Spill: Shut off ignition sources. Absorb on inert material and place in an impervious container. Seal and label for disposal. Ventilate area and wash spill area with water.

Disposal: Consult local, state and federal regulations

Storage: Store in cool, dry area away from ignition sources. Open only in well ventilated areas such as in a chemical fume hood.

**PROTECTIVE EQUIPMENT AND CONTROL MEASURES**

Ventilation: Chemical fume hood recommended

Respiratory Protection: OSHA/MSHA-approved organic vapor respirator if TLV is exceeded.

Gloves: Impervious rubber.

Eye: Chemical splash goggles

**SECTION 313 SUPPLIER NOTIFICATION**

Not applicable.



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