

**MATERIAL SAFETY DATA SHEET**  
Prepared according to 29 CFR 1910.1200

DATE PREPARED: June, 1994  
DATE REVISED: April, 2001

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MSDS NO: 232

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**SECTION I - IDENTIFICATION**

L & M CONSTRUCTION CHEMICALS, INC.  
14851 CALHOUN ROAD  
OMAHA, NE 68152

ASSISTANCE (CHEMTREC) 800-424-9300  
EMERGENCY PHONE NO. 402-453-6600

ID NO.: NA 1993

**PRODUCT**

NAME: LUMISEAL PLUS

DOT CLASS: Combustible Liquid

**CHEMICAL**

NAME: Acrylate Copolymer Solution

DOT SHIPPING  
NAME: Combustible Liquid N.O.S.

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**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

INGREDIENTS	OSHA PEL	ACGIH TLV	CAS	% wt
#1: *1,2,4-Trimethylbenzene	25 ppm	25 ppm	95-63-6	< 30
#2: *Xylene	100 ppm	100 ppm	1330-20-7	1
#3: *Cumene	50 ppm	50 ppm	98-82-8	< 1
#4: Light Aromatic Naphtha	Not Listed	60 ppm	64742-95-6	<50

\* This ingredient is a toxic chemical subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372. Unlisted ingredients are not hazardous per OSHA standard 29 CFR 1910.1200 and are considered to be a trade secret of L&M construction Chemicals, Inc.

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**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT (F): 326-348

VAPOR PRESSURE (mm Hg): 2.6

VAPOR DENSITY (AIR = 1): N/M

SOLUBILITY IN WATER: Negligible

APPEARANCE: Clear

ODOR: Strong Aromatic Solvent

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): .93

PERCENT VOLATILE BY VOLUME: 75

MELTING POINT: N/Ap

BULK DENSITY: 7.82#/gallon

PH INFORMATION: N/A

EVAPORATION RATE: 0.4 (BuAC=1.0)

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

HAZARDS FIRES: Moderate      REACTIVITY: Moderate

FLASH POINT, °F, (TCC): 112

FLAMMABLE LIMITS (by volume) - LEL: 1.0%      UEL: 7.0%

EXTINGUISHING MEDIA: Use foam, CO<sub>2</sub>, or dry chemical fighting apparatus.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purpose.

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**SECTION V - REACTIVITY DATA**

STABILITY: unstable:      stable: X

INCOMPATIBILITY (materials to avoid): Avoid strong oxidizing agents, strong acids or selected amines

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon monoxide and carbon dioxide if burned with insufficient air

HAZARDOUS POLYMERIZATION:    may occur:      will not occur: X

CONDITIONS TO AVOID: Avoid heat, sparks, flame and other sources of ignition

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**SECTION VI - HEALTH HAZARD DATA****LUMISEAL PLUS**

POTENTIAL EFFECTS OF EXPOSURE (listed by primary routes of entry)

INHALATION: Exposure to mists or spray may cause respiratory tract irritation. High concentrations may cause nausea, vomiting and possible central nervous system depression.

SKIN: Prolonged and repeated contact may cause skin irritation.

INGESTION: Irritation of mucous membranes of the mouth, throat, esophagus and stomach.

EYE CONTACT: May be an eye irritant.

**EMERGENCY & FIRST AID PROCEDURES**

INHALATION: If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentration, seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

SKIN: If this product comes in contact with the skin, wash with soap and large quantities of water and seek attention if irritation from contact persists.

INGESTION: If this product is swallowed, do not induce vomiting. Seek immediate medical advice and/or attention.

EYE CONTACT: If this product comes in contact with the eyes, flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

CARCINOGENICITY OSHA: No NTP: No IARC: No

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all possible ignition sources. Avoid breathing vapors. Provide adequate ventilation. Absorb and dispose of in accordance with local applicable regulations. Call emergency number if spillage poses threat to man or environment.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state and federal regulations. Use qualified disposal company to incinerate at an approved facility. Do not incinerate closed containers.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Keep containers cool, dry, and away from sources of ignition. Use and store with adequate ventilation.

OTHER PRECAUTIONS: Avoid inhalation of vapors. Avoid personal contact with the product. If contact is made, remove saturated clothing and flush affected areas with water.

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**SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION: If TLV is exceeded, use self-contained NIOSH approved cartridge respirator or breathing apparatus.

**VENTILATION**

LOCAL EXHAUST: May be required if specified time weighted TLV ranges are exceeded

SPECIAL: Required only in extreme cases.

PROTECTIVE GLOVES: Impermeable

EYE PROTECTION: Safety glasses, chemical goggles or face shield

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impermeable aprons

WORK/HYGIENIC PRACTICES: Eye washes and safety showers in work area are recommended.

**END OF MSDS**