

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

DATE PREPARED: May, 1991  
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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

I.D. NO.: NA 1993

**PRODUCT**

NAME: **DRESS & SEAL**

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	<24
#2: *Xylene	100 ppm	100 ppm	1330-20-7	<3
#3: Light Aromatic Naptha	Not Listed	100 ppm	64742-95-6	<17
#4: Aliphatic Naptha	100 ppm	100 ppm	64742-88-7	>5

\* 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 standards 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  
VAPOR PRESSURE(mm Hg): 3.55  
VAPOR DENSITY (AIR = 1): 4.71  
SOLUBILITY IN WATER: Negligible  
APPEARANCE: Clear  
ODOR: Strong Aromatic Solvent

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): .88  
PERCENT VOLATILE BY VOLUME: 75  
MELTING POINT: N/Ap  
BULK DENSITY: 7.37#/gallon  
PH INFORMATION: N/A  
EVAPORATION RATE: 3.3  
(Butyl Acetate = 1)

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

HAZARDS FIRES: Moderate      Reactivity: Moderate  
FLASH POINT, °F. (TCC): 108 TCC  
FLAMMABLE LIMITS - LEL: 1.0%      UEL: 6.0%  
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 purposes.

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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: Heat, sparks, flame and other sources of ignition

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**SECTION VI - HEALTH HAZARD DATA****DRESS & SEAL**

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

**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.

**MECHANICA:** Required if time weighted TLV ranges are exceeded.

**PROTECTIVE GLOVES:** Impermeable

**EYE PROTECTION:** Safety glasses, chemical goggles or face shield

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

**END OF MSDS**

