

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

DATE PREPARED: November 1991  
DATE REVISED: April, 2001

PAGE 1  
MSDS NO: 223

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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.: None

PRODUCT  
NAME: **L&M CURE R-2**

DOT CLASS: N/A

CHEMICAL  
NAME: Hydrocarbon Resin - Emulsion Solution

DOT SHIPPING  
NAME: N/A

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

INGREDIENTS	OSHA PEL	ACGIH TLV	CAS	% wt
#1: Hydrocarbon Resin	N/A	N/A	68131-87-3	<20
#2: Light Aromatic Solvent Naphtha	N/A	60 ppm	64742-95-6	<10
#3:*1,2,4 Trimethylbenzene	25 ppm	25 ppm	95-63-6	<2

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

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**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT (°F): 212	SPECIFIC GRAVITY (H <sub>2</sub> O = 1): 1.00
VAPOR PRESSURE (mm Hg): <1	PERCENT VOLATILE BY VOLUME: 75
VAPOR DENSITY (AIR = 1): 4	MELTING POINT: N/Ap
SOLUBILITY IN WATER: Complete	BULK DENSITY: 8.6
APPEARANCE: White liquid, Dries Clear	PH INFORMATION: 8.5
ODOR: Trace	EVAPORATION RATE: N/Ap

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

HAZARDS FIRES: None  
FLASH POINT, °F, (TCC): 210  
FLAMMABLE LIMITS - LEL: Not determined UEL: Not determined

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical foam. Use water spray to cool drums.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus.

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**SECTION V - REACTIVITY DATA**

STABILITY: unstable:        stable: X

INCOMPATIBILITY (materials to avoid): Acids, oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

HAZARDOUS POLYMERIZATION:    may occur:            will not occur: X

CONDITIONS TO AVOID: Store and use away from heat or open flames. Do not allow to freeze

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**SECTION VI - HEALTH HAZARD DATA****L&M CURE R-2**

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

INHALATION: Over exposure may cause headache, nasal and respiratory irritation, nausea, drowsiness, pneumonitis, pulmonary edema and central nervous system depression.

SKIN: May cause skin irritation with prolonged or repeated exposure.

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

EYE CONTACT: Can cause irritation if not treated.

**EMERGENCY & FIRST AID PROCEDURES**

INHALATION: Remove to fresh air. If breathing has stopped, perform artificial respiration. Get medical help as soon as possible.

SKIN: Remove contaminated clothing. Flush skin with plenty of water. If irritation persists, call a physician. Wash clothing before re-use.

INGESTION: Do not induce vomiting. Get medical attention as soon as possible.

EYE CONTACT: Flush eyes with water for at least 15 minutes. Call a physician or ophthalmologist.

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: Notify emergency response personnel. Build dike to contain flow. Remove with absorbent free liquid. Do not flush into sewer or open water. Dispose of in approved landfill according to federal, state, and local regulations.

WASTE DISPOSAL METHOD: Consult with regulatory agencies or corporate personnel for disposal methods that comply with local, state, and federal health and environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Do not allow to freeze. Keep away from heat and open flames. Do not cut or weld on empty container. Keep container closed when not in use.

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**SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION: NIOSH approved cartridge, organic vapor mask or self-contained breathing apparatus if TLV exceeded.

**VENTILATION**

LOCAL EXHAUST: Good general ventilation to maintain below TLV

PROTECTIVE GLOVES: Chemical resistant

EYE PROTECTION: Chemical goggles, face shield

**END OF MSDS**

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