

# MATERIAL SAFETY DATA SHEET

Prepared according to 29 CFR 1910.1200

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MSDS NO: 227

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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.: Non-regulated

PRODUCT  
NAME: **HYDROPEL WB**

DOT CLASS: Non-regulated

CHEMICAL  
NAME: Alkylalkoxysilane/siloxanes Solution

DOT SHIPPING  
NAME: Non-regulated

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## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS: None                      OSHA PEL      ACGIH TLV      CAS

This product does not contain any toxic substances subject to the reporting requirements of Section 313 of SARA Title III or of 40 CFR 372.

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## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (F): 212  
VAPOR PRESSURE (mm Hg): N/M  
VAPOR DENSITY (AIR = 1): N/M  
SOLUBILITY IN WATER: Miscible  
APPEARANCE: White Liquid  
ODOR: Odorless

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.00  
PERCENT VOLATILE BY VOLUME: N/M  
MELTING POINT: N/Ap  
BULK DENSITY: 8.33#/gal  
PH INFORMATION: 8.5

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

HAZARDS FIRES: Slight

FLASH POINT, °F, (TCC): >212 °F

FLAMMABLE LIMITS - LEL: N/Ap                      UEL: N/Ap

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

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective. Wear full protective clothing including a self-contained breathing apparatus.

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## SECTION V - REACTIVITY DATA

STABILITY:    unstable:                      stable: X

INCOMPATIBILITY (materials to avoid): None with proper storage.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: After a long time small amounts of Ethanol may be formed by hydrolysis.

HAZARDOUS POLYMERIZATION:    may occur:                      will not occur: X

CONDITIONS TO AVOID: Flame or other sources of ignition

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**SECTION VI - HEALTH HAZARD DATA**  
**WB****HYDROPEL**

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

INGESTION: No harmful effects have been reported upon ingestion.

INHALATION: No harmful effects have been observed.

SKIN: No harmful effects have been observed.

EYE CONTACT: May produce an oil film causing a brief reversible dimness of sight.

**EMERGENCY & FIRST AID PROCEDURES**

INHALATION: Remove person to fresh air. If breathing is difficult, administer oxygen. Call a physician.

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: No harmful effects expected. Contact a doctor if any adverse effects are noticed upon ingestion.

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

HMIS Codes: Fire: 1, Health: 1, Physical Hazard: 0, Protection: X

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small Spill: Absorb liquid on paper, floor absorbent or other material and transfer hood. Large Spill: Eliminate all ignition sources. Persons without protective equipment should be moved from area until clean-up is completed. Stop spill at source. Dike to prevent spreading. Pump spill into salvage tank. Pick up remaining in floor absorbent material and shovel into containers. Prevent run-off into sewer, streams or bodies of water.

WASTE DISPOSAL METHOD: Small Spill: Allow volatile portion to evaporate. Destroy remaining by burning in an iron pan. Large Spill: Destroy by liquid incineration. Deposit contaminated absorbent in a landfill in accordance with local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Keep containers cool, dry and away from sources of ignition. Use and store with adequate ventilation. Formation of ethanol by hydrolysis may occur when a storage time of six months will be exceeded.

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**SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION: Use mechanical exhaust ventilation where mists or spray may be generated in enclosed areas.

**VENTILATION**

LOCAL EXHAUST: May be required if specified

SPECIAL: In case of formation of aerosols or vapors, an organic vapor cartridge may be used.

MECHANICAL (general): Yes

PROTECTIVE GLOVES: Impermeable EYE PROTECTION: Safety glasses, chemical goggles or face shields

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None.

WORK/HYGIENIC PRACTICES: Wash hands before breaks and at the end of working.

**END OF MSDS**