

# MATERIAL SAFETY DATA SHEET

Prepared according to 29 CFR 1910.1200

DATE PREPARED: September, 1991  
DATE REVISED: March, 2010

PAGE 1  
MSDS NO: 221

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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: **AQUAPEL**

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	OSHA PEL	ACGIH TLV	CAS
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Unlisted ingredients are not hazardous per OSHA Standard 29CFR 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  
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  
Evaporation Rate <1

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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****AQUAPEL**

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.

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 after working.

**END OF MSDS**

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NAME: **AQUAPEL PLUS**

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CHEMICAL  
NAME: Alkylalkoxysilane/siloxanes Solution

DOT SHIPPING  
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PERCENT VOLATILE BY VOLUME: N/M  
MELTING POINT: N/Ap  
BULK DENSITY: 8.33#/gal  
PH INFORMATION: 8.5  
EVAPORATION RATE: <1

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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

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

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

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****AQUAPEL PLUS**

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

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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: If affected, 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

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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.

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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.

PROTECTIVE GLOVES: Impermeable

EYE PROTECTION: Safety glasses, chemical goggles or face

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK/HYGIENIC PRACTICES: Eye washes and safety showers in work area recommended. Wash hands before breaks and after working.

**END OF MSDS**