

MATERIAL SAFETY DATA SHEET
Prepared according to 29 CFR 1910.1200

DATE PREPARED: January, 1995
DATE REVISED: March, 2010

PAGE 1
MSDS NO: 236

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 WB**

DOT CLASS: Combustible Liquid

CHEMICAL
NAME: Acrylate Resin Emulsion

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

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS	OSHA PEL	ACGIH TLV	CAS	% wt
#1: Acrylic Copolymer	Not Listed	Not Listed	028377-44-8l	< 25
#2: Ester Alcohol	Not Listed	Not Listed	025265-77-4	< 12

There are no SARA 313 chemicals in this product.
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.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (F): 212
VAPOR PRESSURE (mm Hg): 24 @ 77 DEG. F.
VAPOR DENSITY (AIR = 1): 6
SOLUBILITY IN WATER: YES
APPEARANCE: Translucent liquid, dries clear
ODOR: Mild

SPECIFIC GRAVITY (H₂O = 1):1.01
PERCENT VOLATILE BY VOLUME: 75
MELTING POINT: N/Ap
BULK DENSITY: 8.45#/gallon
PH INFORMATION: 8.5-9.0

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, °F, (TCC): N/A
FLAMMABLE LIMITS - LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Use foam, CO₂, 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.

SECTION V - REACTIVITY DATA

STABILITY: unstable: stable: X
INCOMPATIBILITY (materials to avoid): Avoid water reactive materials.
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

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

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

INHALATION: Low hazard for usual industrial handling.

EYE CONTACT: May cause transient irritation. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes..

SKIN: Low hazard for usual industrial handling. Wash with soap and water if exposed to material.

INGESTION: Seek medical advise.

EMERGENCY & FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If irritation persists, seek 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

HMIS RATING: HEALTH – 1, FLAMMABILITY – 0, REACTIVITY – 0, PPE – X (See Section VII for Personal Protective Equipment (PPE))

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. Respirator type: mist, organic vapor. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

VENTILATION

LOCAL EXHAUST: May be required in poorly ventilated spaces or evaporation from large surfaces.

SPECIAL: Required only in extreme cases. Minimize eye and skin contact.

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

END OF MSDS

MATERIAL SAFETY DATA SHEET
Prepared according to 29 CFR 1910.1200

DATE PREPARED: January, 1995
DATE REVISED: August 25, 2010

PAGE 1
MSDS NO: 236

SECTION I - IDENTIFICATION

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

ASSISTANCE (CHEMTREC) 800-424-9300

ID NO.: N/A

PRODUCT
NAME: **LUMISEAL WB PLUS**

DOT CLASS: Not Regulated

CHEMICAL
NAME: Acrylic Resin Emulsion

DOT SHIPPING
NAME: Resin Solution

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENTS	OSHA PEL	ACGIH TLV	CAS	% wt
#1: Acrylic Copolymer	Not Listed	Not Listed	028377-44-8l	< 30
#2: Ester Alcohol	Not Listed	Not Listed	025265-77-4	< 15

There are no SARA 313 chemicals in this product.

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.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (F): 212
VAPOR PRESSURE (mm Hg): 24 @ 77 DEG. F.
VAPOR DENSITY (AIR = 1): 6
SOLUBILITY IN WATER: YES
APPEARANCE: Translucent liquid, dries clear
ODOR: Mild

SPEC.GRAVITY: 1.02
WEIGHT/GAL (LBS): 8.51

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, °F, (TCC): N/A
FLAMMABLE LIMITS - LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Use foam, CO₂, 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.

SECTION V - REACTIVITY DATA

STABILITY: unstable: stable: X

INCOMPATIBILITY (materials to avoid): Avoid water reactive materials.

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: None

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

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

INHALATION: Low hazard for usual industrial handling.

EYE CONTACT: May cause transient irritation. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes..

SKIN: Low hazard for usual industrial handling. Wash with soap and water if exposed to material.

INGESTION: Seek medical advise.

EMERGENCY & FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If irritation persists, seek 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

HMIS RATING: HEALTH – 1, FLAMMABILITY – 0, REACTIVITY – 0, PPE – X (See Section VII for Personal Protective Equipment (PPE))

SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn. Respirator type: mist, organic vapor. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

VENTILATION

LOCAL EXHAUST: May be required in poorly ventilated spaces or evaporation from large surfaces.

SPECIAL: Required only in extreme cases. Minimize eye and skin contact.

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

END OF MSDS