

SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and Canadian WHMIS Regulations.

IMPORTANT: Read this SDS before handling and disposing of this product.

Pass this information on to employees, customers and users of this product.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: Protecto LM Liquid Membrane (06_2020)

Intended Use: Construction Waterproofing Material

Manufacturer: Protecto Wrap Company
1955 South Cherokee Street
Denver, CO 80223

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Emergency Phone: ChemTel: Domestic 800-255-3924, International 813-248-0585, Mexico 800-099-0731

Prepared by: Protecto Wrap Company, 1955 S Cherokee St., Denver, CO 80223 (800) 759-9727

2. HAZARDS IDENTIFICATION

This product is a blue, slightly viscous liquid/paste with slight odor. Product is not flammable but will burn under fire conditions. May cause mild skin irritation, allergen reaction, and respiratory irritation. Can cause serious eye damage.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	Hazardous Sub-component	CAS No.	Amount	Exposure Limit
Silica Sand, Crystalline Quartz		14808-60-7	01-1.0%	50 µg/m ³ PEL (respirable) 0.025 mg/m ³ TWA (respirable fraction) ACGIH
Calcium Carbonate		1317-75-3	10-15%	5 mg/m ³ PEL-TWA (respirable fraction) 10mg/m ³ TLV-TWA

Non-Hazardous Components >1%: 85-90%

4. FIRST AID MEASURES

EYE: First check victim for contact lenses and remove if present. Flush victim's eyes with large quantities of water, holding the eyelids apart. Get medical attention.

SKIN: Remove contaminated clothing and launder before re-use. Wash skin thoroughly with soap and water. If rash or irritation develop, get medical attention. (Discard contaminated shoes)

INGESTION: If conscious, rinse mouth with water and drink plenty of water. Never give anything by mouth to an unconscious or convulsing person.

DO NOT induce vomiting unless directed by medical personnel. Get medical attention.

INHALATION: unlikely

5. FIRE FIGHTING MEASURES

Extinguishing Media Use foam, dry chemical, or Carbon Dioxide to extinguish fire. Use fog nozzles if water is used. Use water to cool fire exposed containers and structures

Unusual Fire or Explosion Hazards Product will burn if exposed to elevated temperatures or fire releasing Carbon Monoxide and Carbon Dioxide

Special Fire-Fighting Instructions Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Do not allow run-off from firefighting to enter drains or water courses

Hazardous Combustion Products May contain Carbon Monoxide and Carbon Dioxide

Explosion Data (sensitivity to mechanical impact or static discharge) None Known

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing as described in Section 8. Pick up solids. Mop up or absorb with inert material and place into an appropriate container for disposal. Report releases as required by local, state, and federal authorities.

7. HANDLING AND STORAGE

HANDLING: Wear protective clothing/equipment as described in Section 8. Avoid contact with the eyes and skin; provide adequate ventilation. Avoid breathing vapors, mists, dust, or fumes. Wash with soap and water after use. Remove duty clothing and lauder before reuse.

Do not cut, drill, grind or weld on or near containers, even empty containers. Empty containers retain product residues can be hazardous. Follow all SDS precautions when handling empty containers.

STORAGE: Store in a cool, well ventilated, dry area away from excessive cold (avoid freezing).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Refer to Section 3

ENGINEERING CONTROLS: General ventilation should be adequate for normal use. For operations where the TLV (Threshold Limit Value) may be exceeded, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

RESPIRATORY PROTECTION: Respirator equipment selection depends on containment type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

SKIN PROTECTION: Avoid skin contact. Wear appropriate impervious gloves. Long sleeved shirts recommended.

EYE PROTECTION: Safety glasses or goggles should be worn where contact is possible. Contact lenses are not recommended when using this product

OTHER: Wear impervious long sleeved shirt and long pants to avoid skin contact. Wash thoroughly after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	blue, slightly viscous liquid/paste with slight odor	Octanol/Water Coefficient	No data available
Auto Ignition	Not applicable	pH	8 - 9
Boiling Point	100° C (212° F)	Relative Density	Not applicable
Bulk Density	Not applicable	Solubility in Water	Dispersible
Decomposition Temperature	Not applicable	Specific Gravity	1.1 – 1.2
Evaporation Rate	As for water	Vapor Density	Not applicable
Flammability	Burns at high temperatures	Vapor Pressure	Not applicable
Flammable Limits	LEL: Not applicable UEL: Not applicable	Viscosity	Not applicable
Flash Point	>100° C (212° F)	VOC Content	<10gm/L
Melting Point	No data available		

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal storage and handling conditions.

INCOMPATIBILITY: None determined

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

INGESTION: No adverse effects are expected from normal use. Swallowing may cause throat irritation

INHALATION: No adverse effects expected at ambient temperatures. Vapors released from heating product may cause respiratory irritation

EYE: May cause irritation with redness, tearing and blurred vision

SKIN: May cause irritation, defatting of the skin and dermatitis.

SENSITIZATION: This product is not expected to cause sensitization.

CHRONIC/CARCINOGENICITY: No adverse effects expected at ambient temperatures. Crystalline silica (respirable size) is classified as carcinogenic by inhalation by: IARC (Group 1), ACGIH (Group A2), NTP (Group 1), OSHA (Select carcinogen).

MUTAGENICITY: No data available

REPRODUCTIVE TOXICITY: No data available

SYNERGISTIC PRODUCTS: None specifically known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None determined

ACUTE TOXICITY VALUES:

Silica Sand, Crystalline Quartz: Oral Rat LD50 - >500 mg/kg Calcium Carbonate: Oral Rat LD50 – 6450 mg/kg

12. ECOLOGICAL INFORMATION (non-mandatory)

Silica Sand: LC50 Aquatic acute toxicity carp > 10,000 mg/L 72h

13. DISPOSAL CONSIDERATIONS (non-mandatory)

Dispose in accordance with local, state and federal environmental regulations.

14. TRANSPORT INFORMATION (non-mandatory)

DOT HAZARDOUS MATERIALS DESCRIPTION

Proper Shipping Name:	Not Regulated	Hazard Class/Packing Group:	None
UN Number:	None	Labels Required:	None
North American Emergency Response Guidebook Number	None		

15. REGULATORY INFORMATION (non-mandatory)

CERCLA / Superfund This product is not subject to CERCLA reporting requirements.

SARA Hazard Category (311/312) Not applicable

SARA 313 Information This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372) None

EPA TSCA Inventory All listed ingredients in this product are on the EPA TSCA Inventory

California Proposition 65 This product contains the following chemicals known to the State of California to cause cancer: Crystalline Silica (quartz)

This product contains the following chemicals known to the State of California to cause developmental toxicity (birth defects): Lithium Carbonate

This product contains the following chemicals known to the State of California to cause male reproductive toxicity: None

Other states Right to Know	Ma	Limestone, Crystalline Silica, Quartz	NJ	Limestone, Crystalline Silica, Quartz
	PA	Limestone, Crystalline Silica, Quartz	MN	Limestone, Crystalline Silica, Quartz
	RI	Limestone, Crystalline Silica, Quartz		

Canada This product has been classified under the CPR. This SDS discloses information required by the CPR.

Canadian WHMIS Classification A controlled product (manufactured article)

Canadian CEPA: All the components of this product are listed on the Canadian DSL (Domestic Substances List) or Non-DSL. It contains Silica (quartz) listed the HPA Ingredient Disclosure List.

Australian NICNAS This chemical can be...imported...for commercial purposes

16. OTHER INFORMATION

NFPA RATING: Health = 1 Fire = 1 Reactivity = 0 **HMIS RATING:** Health = 1¹ Fire = 1 Reactivity = 0

NOTICE- The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore, users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks regarding the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.

ⁱ See Section 11 – Toxicological Information