

MATERIAL SAFETY DATA SHEET

SECTION I

INFORMATION & EMERGENCY
PH:1-303-316-4820

TRADE NAME: PROTECTO LIQUID WATERPROOFING MEMBRANE LWM200
CHEMICAL NAME: CARBOXYLATED POLYMER BLENDS
MANUFACTURER'S NAME: PROTECTO WRAP COMPANY
ADDRESS: 1955 SOUTH CHEROKEE STREET
STATE: DENVER, COLORADO 80223

SECTION II - INGREDIENT INFORMATION

COMPONENTS / OEL	CAS #	WEIGHT %
TITANIUM DIOXIDE OSHA PEL: (TWA) 15 MG/M3, ACGIH TVL: (TWA) 10 MG/M3	13463-67-7	5 - <10
CALCIUM CARBONATE APPLICABLE FOR SANDING AND GRINDING ACGIH TLV: AS DUST, 10 (<1% SILICA) OSHA PEL: TOTAL DUST 15; RESPIRABLE DUST, 5	1317-65-3	5 - <10
CRYSTALLINE SILICA-QUARTZ (CARCINOGEN AS DUST) ACGIH TWA: .1 MG/M3 AS RESPIRABLE DUST-CARCINOGEN IF GROUNDED OR SANDED	124-68-5	.1- <.5

SECTION III - PHYSICAL DATA

BOILING RANGE: 175F – 270F	SPECIFIC GRAVITY (Water = 1): 1.4+ - .5
VAPOR DENSITY (Air = 1): Heavier than air	EVAPORATION RATE : Slower than ether
SOLUBILITY IN WATER: Soluble	ODOR: characteristic of latex waterborne systems
APPEARANCE: Smooth, opaque, tan viscous liquid	VOC: = <150 g/l

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A	UNUSUAL CONDITIONS: Closed containers may expand or burst (due to build-up of pressure) when exposed to extreme heat.
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A UPPER: N/A	
NFPA Rating: Health-1; Flam-0; React-0; Spec. Haz.- n/a	

SECTION V - REACTIVITY DATA

INSTABILITY: Stable

CONDITIONS TO AVOID: Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents.

HAZARDOUS DECOMPOSITION: If this product is ignited in a dry state, will produce smoke, carbon monoxide and carbon dioxide.

INCOMPATIBILITY MATERIALS: None known

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI- HEALTH HAZARD INFORMATION

SYMPTOMS / AFFECTS OF OVER EXPOSURE

SKIN: Slight irritation

EYES: Slight irritation

INHALATION: Vapor or mist can cause headache, nausea, and irritation of the nose, throat and lungs. Use of appropriate personal protective equipment and/or engineering controls should be employed whenever these types of operations are being performed.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARD: ### (cancer warning): Calif. Proposition 65: This product contains chemicals known to the State of California to cause cancer. ### Product contains crystalline silica. International Agency of Cancer Research believes there is sufficient evidence that if crystalline silica is inhaled in form of quartz or cristobalite from occupational sources that it is a human carcinogen. **This condition only exists once the material has dried and then the material is sanded.**

FIRST AID

EYES: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

SKIN: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

INHALATION: If breathed; if affected, remove individual to fresh air, if necessary, apply oxygen and or artificial respiration and get medical attention.

INGESTION: If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person. Do not induce vomiting.

HMIS CODES: H-1*; F-0; R-0; P-G

SECTION VII - PRECAUTIONS for SAFE HANDLING and USE

STORAGE INFORMATION:

Keep from freezing. The minimum recommended storage temperature for this material is 1C/34F. The maximum recommended storage temperature for this material is 49C/120F.

PROCEDURE for SPILLS:

Have adequate ventilation - soak up with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and bodies of water.

WASTE DISPOSAL METHOD:

Dispose of in accordance with Local, State and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY: If applied by in confined areas, use appropriate, properly fitted NIOSH/MSHA –approved respirator. Refer to OSHA 29 CFR 1910.134 “respirator protection”

EYE WEAR: Safety goggles or glasses to guard against splashes

GLOVES: Wear rubber gloves

VENTILATION: Provide sufficient (general or local) exhaust Ventilation to maintain exposure below the lowest stated TLV

OTHER PRECAUTIONS: WARNING! Grinding or abrading of dried product may release detectable amounts of hazardous respirable dust.

We believe that the information contained in this MSDS sheet is accurate. However, because this material can be used under conditions over which we have no control, we give no warranty, expressed or implied as to the accuracy of the information and assume no responsibility for damage to person, property, or business arising from its use.

12/05