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 Water Resistant Coating CMU 100 (0624_2020)
Intended Use: Construction Waterproofing Material

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

Telephone: (303) 777-3001
Fax: (303) 777-9273
Internet: www.protectowrap.com

Emergency Phone: ChemTel: Domestic 800-255-3924, International 813-248-0585
Prepared by: Protecto Wrap Company, 1955 S Cherokee St., Denver, CO 80223 (800) 759-9727

2. HAZARDS IDENTIFICATION

This product is a smooth, opaque, gray/tan viscous liquid with a slight latex odor. Not flammable or combustible. Contact may cause slight eye and skin irritation. Vapor/mist can cause headache, nausea, and irritation of the nose, throat and lungs. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Prolonged overexposure to titanium dioxide has been shown to cause cancer in laboratory animals. This product contains a very small amount of crystalline silica quartz. Prolonged overexposure to respirable crystalline silica (if sanded) may cause lung disease (silicosis) and increase the risk of lung cancer.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	Hazardous Sub-component	CAS No.	Amount	Exposure Limit
Titanium Dioxide		13463-67-7	05-10%	15 mg/m^3 PEL-TWA (total dust), 10 mg/m^3 TLV-TWA
Calcium Carbonate		1317-65-3	05-10%	5 mg/m^3 PEL-TWA (respirable fraction) 10mg/m^3 TLV-TWA
Crystalline Silica Quartz		14808-60-7	0.1-0.5%	50 µg/m^3 PEL-TWA (respirable) 0.025 mg/m^3 TLV-TWA (respirable)

Non-Hazardous Components >1%: 30-60%

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.
INGESTION: If conscious, rinse mouth with water; drink 2 glasses 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: If symptoms of exposure develop, remove victim to fresh air. If breathing is difficult or symptoms persist, get immediate medical attention**.**

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam or dry chemical l to extinguish fire. Use fog nozzles if water is used. Use water to cool fire exposed containers and structures
Unusual Fire or Explosion Hazards	Closed containers may expand or bust when exposed to extreme heat
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	Carbon and metal oxides, other toxic vapors, and smoke are formed during combustion
Explosion Data (sensitivity to mechanical impact or static discharge)	None Known

6. ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing as described in Section 8. Keep spills from entering water systems. Pick up 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. Wash with soap and water after use. Keep containers closed when not in use.
STORAGE: Store in a cool, well ventilated area away from direct sunlight. Keep material from freezing at temperatures between 34° – 120° F.

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 may be exceeded (sprayed, or sanded), mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.
RESPIRATORY PROTECTION: For situations where the product is sprayed or sanded, a NIOSH approved respirator with dust/mist cartridges should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.
SKIN PROTECTION: Avoid skin contact. Wear appropriate impervious gloves.
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 pants as needed to prevent contact. Wash thoroughly after handling. An eye wash should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Odor:	Smooth, opaque, gray/tan viscous liquid with an odor characteristic of latex	**Octanol/Water Coefficient:**	No data available
Auto Ignition	None Determined	**pH**	Not determined
Boiling Point:	175-270° F	**Relative Density**	Not applicable
Bulk Density:	Not determined	**Solubility In Water:**	Soluble in water
Decomposition Temperature	Not applicable	**Specific Gravity:**	1.4 +/- 0.5
Evaporation Rate:	Not Applicable	**Vapor Density:**	Heavier than air
Flammability	Not applicable	**Vapor Pressure:**	Not applicable
Flammable Limits	**LEL**: Not applicable, **UEL:** Not applicable	**Viscosity**	NOT APPLICABLE
Flash Point:	Not Applicable	**VOC Content:**	< 250 g/L
Melting Point:	Not applicable		

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal storage and handling conditions
INCOMPATIBILITY: Avoid contact with strong alkalis, strong mineral acids, or strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon and metal oxides, other toxic vapors, and smoke
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

INGESTION: No adverse effects are expected from normal use. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
INHALATION: Vapor or mist can cause headache, nausea, and irritation of the nose, throat and lungs. Inhalation of dust that may be generated from sanding the product may cause mucous membrane and upper respiratory irritation.
EYE: Direct contact may cause slight irritation
SKIN: Prolonged contact may cause irritation
SENSITIZATION: This product is not expected to cause sensitization.
CHRONIC/CARCINOGENICITY: Prolonged skin contact may cause irritation. This product contains crystalline silica. Repeated inhalation of large amounts of silica dust over an extended period of time may result in a progressive, disabling

disease, silicosis. However, the crystalline silica in this product is bound in a polymer matrix and dust exposure would not be expected unless the dried product is sanded or abraded. The International Agency for Research on Cancer has determined that respirable crystalline silica is carcinogenic to humans (Group 1). The National Toxicology Program classifies respirable crystalline silica as "known to be a human carcinogen". Titanium dioxide is classified by IARC as group 2B carcinogen, possibly carcinogenic to humans. The titanium dioxide in this product is bound in a polymer matrix so no exposure occurs during normal use and handling. If the product is allowed to dry and sanded, exposure may occur.

MUTAGENICITY: No adverse effects from available data.

SYNERGISTIC PRODUCTS: None specifically known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Employees with pre-existing skin issues may be at increased risk from exposure.

ACUTE TOXICITY VALUES:

Calcium Carbonate	LC50 >3 mg/L 4hr (rat)	LD50 6450 mg/kg (rat)
Titanium dioxide	IDLH 5000 mg/m^3	
Crystalline Silica Quartz	LD50 oral rat >22,500 mg/kg	

12. ECOLOGICAL INFORMATION (non-mandatory)

Large spills or concentrated discharges of this product into water may result in suspended or settable solids which lower the dissolved oxygen content of the water body. Sedimentation to the bottom of the body of water may result in detrimental effects to the fish life by reducing their growth rate, preventing the successful development of fish eggs and larvae, or reducing the abundance of food available to the fish.

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 Guide Book Number	None		

15. REGULATORY INFORMATION (non-mandatory)

CERCLA / SUPERFUND:	This product is not subject to CERCLA reporting requirements.	
SARA HAZARD CATEGORY (311/312):	Carcinogenicity, Acute toxicity, Skin Corrosion or Irritation, eye irritation	
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 of the ingredients in this product are listed 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) or male reproductive toxicity:	None
CANADIAN CEPA:	All the components of this product are listed on the Canadian DSL	
Australian NICNAS	This chemical can be…imported…for commercial purposes	

16. OTHER INFORMATION

NFPA RATING: Health = 1 Fire = 0 Reactivity = 0 **HMIS RATING:** Health = 0[i] Fire = 0 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