

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 Sill Pan Flash

Intended Use: Coonstruction Waterproofing Material

Manufacturer: Protecto Wrap Company **Telephone:** (303) 777-3001
1955 South Cherokee Street **Fax:** (303) 777-9273
Denver, CO 80223 **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 black, opaque, sticky solid with white or colored foam layer with no odor. May cause mild eye and skin irritation. Product is not flammable but will burn under fire conditions. Contact with heated product may cause thermal burns. Inhaling heated product vapors may cause nose, throat, and respiratory system irritation. However, it is a manufactured article as defined in 29 CFR 1200(c) and not considered to be hazardous when used/applied per manufacturer's guidelines.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component</u>	<u>Hazardous Subcomponent</u>	<u>CAS No.</u>	<u>Amount</u>	<u>Exposure Limit</u>
Asphalt (petroleum; bitumen)		8052-42-4	25-60%	0.5 mg/m ³ TLV-TWA
Calciu Carbonate		1317-65-3	6-16%	5 mg/m ³ PEL-TWA (respirable fraction) 10 mg/m ³ TLV-TWA

NonHazardous Components >1.0%: Resins and Polymers 3-20%; Polyethylene (9002-88-4) 20-40%

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. (Discard contaminated shoes). Wash skin thoroughly with soap and water. If rash or irritation develop, get medical attention.

INGESTION: If conscious, rinse mouth with 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 dry chemical 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. Hot asphalt may ignite flammable mixtures on contact. Toxic vapors including hydrogen sulfide may be released upon combustion. Hydrogen sulfide vapors are heavier than air and may accumulate in low areas causing flashback if ignited. Trace amounts of residual blowing agent may be present in the foam. Mechanical

	processes may produce dust and flammable vapors which may be potential explosion hazards.
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 monoxide, sulfur oxides, hydrogen sulfide, acrolein, aldehydes, benzaldehydes, ketones and unidentified organic compounds may be formed on 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. Pick up and place into an appropriate container for disposal. If product becomes molten, allow product to cool before picking or scraping up. 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. Avoid breathing vapors, mists, dust, or fumes. If heated provide adequate ventilation. 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 area away from excessive heat and sources of ignition.

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, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

RESPIRATORY PROTECTION: For situations where the product is heated, hydrogen sulfide may be released. In such conditions, a NIOSH approved positive pressure self-contained breathing apparatus is recommended. Air purifying respirators are not recommended for hydrogen sulfide due to its poor odor warning properties. 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: If heated, 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 sproduct

OTHER: Wear impervious long sleeved shirt and pants as needed to prevent contact. Wash thoroughly after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor:	Opaque black, tacky solid with a white or colored foam layer with no odor	Octanol/Water Coefficient:	No data available
Autolgnition	None Determined	pH:	Not applicable
Boiling Point:	Not applicable	Relative Density	Not applicable
Bulk Density:	15.723 pounds/gallon	Solubility In Water:	Insoluble

Decomposition Temperature	Not applicable	Specific Gravity:	1.883
Evaporation Rate:	N/A	Vapor Density:	N/A
Flammability	Extremely flammable	Vapor Pressure:	N/A
Flammable Limits	LEL: N/A UEL: N/A	Viscosity	N/A
Flash Point:	>320° F	VOC Content:	0%
Melting Point:	220° f (104°c) (Softening Point)		

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal storage and handling conditions.

INCOMPATIBILITY: Strong oxidizers. Avoid water if product is molten.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, sulfur oxides, hydrogen sulfide, acrolein, aldehydes, benzaldehydes, ketones and unidentified organic compounds.

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: No adverse effects expected at ambient temperatures. Vapors released from heating product may cause respiratory irritation. At elevated temperatures hydrogen sulfide may be released. The release of hydrogen sulfide gas in various concentrations may cause irritation of the eyes and respiratory tract, headache, dizziness, nausea and drowsiness. Exposure to high concentrations of hydrogen sulfide can cause respiratory arrest and death.

EYE: May cause irritation with redness, tearing and blurred vision. Contact with product at elevated temperatures may cause thermal burns.

SKIN: May cause irritation, defatting of the skin and dermatitis. Contact with product at elevated temperatures may cause thermal burns. Dust may cause irritation.

SENSITIZATION: This product is not expected to cause sensitization.

CHRONIC/CARCINOGENICITY: No adverse effects expected at ambient temperatures. Prolonged inhalation of asphalt smoke has been shown to cause bronchitis, pneumonitis and abscess formation in laboratory animals. Asphalt fume condensates have been shown to cause tumorigenic responses when repeatedly applied to the skin of laboratory animals. Prolonged inhalation of talc dust may cause lung damage (pulmonary fibrosis), however, the talc in this product is bound in a polymer matrix and dust exposure would not be expected. Asphalt (petroleum, bitumen) is listed by IARC as "Possibly Carcinogenic to Humans", Group 2B.

MUTAGENICITY: No adverse effects from available data.

SYNERGISTIC PRODUCTS: None specifically known.

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

ACUTE TOXICITY VALUES:

Asphalt:	Oral Rat LD50 - >5.0 g/kg	Calcium Carbonate:	No data available
	Skin Rabbit LD50 - > 2.0 g/kg		
	Skin Rabbit LD50 – 14100 uL/kg		

12. ECOLOGICAL INFORMATION (non mandatory)

No ecotoxicity data is available for this product at this time.

13. DISPOSAL CONSIDERATIONS (non mandatory)

