

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): HD.membrane
 Product Description: Hot-applied joint sealant
 Synonyms: N/A
 CAS No: N/A

Supplier:
 EPRO Services, Inc.
 PO Box 347
 Derby, KS 67037
 800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

HMIS		HAZARD STATEMENTS WARNING
Health	(1)	Causes skin irritation.
Flammability	(1)	PRECAUTIONARY STATEMENTS
Reactivity	(0)	Avoid direct contact with heated material.
Personal Protection		Avoid inhalation of fumes.



3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% by weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm HG@20°C)</u>	<u>LEL (@25°C)</u>
Petroleum Asphalt	8052-42-4	55-60	No	N/A	N/A
Petroleum Oil Base Stock	64742-65-0	5-10	No	N/A	0.9
Limestone	1317-65-3	30-35	No	N/A	N/A

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

4. FIRST-AID MEASURES

EYE CONTACT: Not expected to be an exposure route as supplied. If contact with molten material occurs, seek immediate medical attention.

SKIN CONTACT: Wash affected areas with soap and water if available. If contact with hot, molten material occurs, cool affected area with water. Do not attempt to remove congealed solid. Do not use petroleum solvents to remove solids adhered to skin. Seek immediate medical attention.

INHALATION: Not expected to be an exposure route as supplied. If irritation occurs due to exposure to fumes produced by hot molten product, move victim from exposure source and treat symptomatically. If symptoms persist, seek medical attention.

INGESTION: Not expected to be an exposure source.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC: See Section Eleven for Symptoms/Effects.

5. FIRE-FIGHTING MEASURES

FLASHPOINT: Not applicable; product is a solid.

EXTINGUISHING MEDIA: Water fog, foam, dry chemical.

CHEMICAL/COMBUSTION HAZARDS: Oxides and compounds of nitrogen/sulfur, carbon monoxide/dioxide, and incomplete combustion products.

PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid smoke inhalation. Hot material may spatter if hit by a direct stream of water. Use appropriate personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Not applicable. Product is a solid. If molten material is spilled, avoid direct contact. Allow material to cool and landfill dispose.

7. HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact.

SAFE STORAGE: Prevent job-site damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name</u>	<u>PEL</u>	<u>OSHA</u>				<u>ACGIH</u>		
		<u>PEL/ Ceiling</u>	<u>PEL/ STEL</u>	<u>SKIN</u>	<u>TLV</u>	<u>TLV/ Ceiling</u>	<u>TLV/ STEL</u>	<u>SKIN</u>
Petroleum Asphalt	5 mg/m ³ *	N/E	N/E	No	0.5 mg/m ³ *	N/E	N/E	N/E
Petroleum Oil Base Stock	N/E	N/E	N/E	No	5 mg/m ³ +	N/E	N/E	N/E
Limestone	N/A	N/A	N/A	No	N/A	N/A	N/A	N/A

*Asphalt fumes +Mineral oil mist in air N/E: Not established

ENGINEERING CONTROLS: None required under normal use conditions.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, chemical-resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A	VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A	pH LEVEL: N/A	% VOLATILE BY WEIGHT: N/A
WEIGHT PER GALLON: N/A	PRODUCT APPEARANCE: Black Solid	VOC CONTENT: N/A
ODOR: Mild Asphalt	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: N/D	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D		<i>N/D: Not Determined</i>

10. STABILITY AND REACTIVITY

STABILITY: Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.
CONDITIONS AND MATERIALS TO AVOID: None recognized.
HAZARDOUS DECOMPOSITION PRODUCTS: None recognized.

11. TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may cause mild irritation. Contact with heated material may cause severe burns.
SKIN CONTACT: Direct contact may cause slight skin irritation. Contact with heated material may cause severe burns.
INHALATION: Not anticipated to be an exposure route. Heated material may emit fumes. Exposure to fumes may result in respiratory irritation.
INGESTION: Not anticipated to be an exposure route.
SIGNS AND SYMPTOMS: Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function.
AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.
OTHER HEALTH EFFECTS: ACGIH classifies asphalt as *Not Classifiable as a Human Carcinogen; A4*.

12. ECOLOGICAL INFORMATION (non-mandatory)

ECOTOXICITY: N/E	DEGRDABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None Recognized	

13. DISPOSAL CONSIDERATIONS (non-mandatory)

WASTE DISPOSAL INFORMATION: Landfill Disposal.

14. TRANSPORT INFORMATION (non-mandatory)

HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT.
UN NUMBER: None. **HAZARD CLASS:** N/A **PACKING GROUP:** N/A
UN PROPER SHIPPING NAME: N/A
ENVIRONMENTAL HAZARDS: None recognized.

BULK TRANSPORTATION INFORMATION: None.

SPECIAL PRECAUTIONS: None.

15. REGULATORY INFORMATION (non-mandatory)

OTHER REGULATORY CONSIDERATIONS: None recognized.

16. OTHER INFORMATION

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.