




SAFETY DATA SHEET

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product:	VERTIBARRIER NS	Part Number:	6506-504
Manufacturer:	W. R. MEADOWS OF CANADA	Address:	70 Hannant Court Milton, Ontario Canada L9T 5C1
Telephone:	(905) 878-4122	In case of emergency, dial (800) 424-9300 (CHEMTREC)	
Revision Date:	1/8/2025		
Product Use:	Cold-Applied, Moisture-Cured, Waterproofing Membrane		

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS		HAZARD STATEMENTS	
Health	1	WARNING!	
Flammability	0	Causes skin irritation. (Category 2)	
Reactivity	0	PRECAUTIONARY STATEMENTS	
Personal Protection		Avoid direct contact.	

SECTION 3: HAZARDOUS COMPONENTS

<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 (@24°C)</u>
1. Petroleum Asphalt	8052-42-4	Proprietary	No	N/A	NA
2. Amino Silane	1760-24-3	1-5	No	N/A	NA

N/A = Not Applicable

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If irritation or redness develops, move victim away from exposure source and into fresh air. Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.

SKIN CONTACT: Wash affected area(s) with Ethyl Alcohol, then wash with soap and water.

INHALATION: An unlikely exposure route. If symptoms develop, seek medical attention.

INGESTION: An unlikely route of exposure. If ingested, consult a physician or poison control center.

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

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: >100 °C

EXTINGUISHING MEDIA: Use water fog, foam, dry chemicals, or carbon dioxide.

CHEMICAL/COMBUSTION HAZARDS: Thermal decomposition may produce carbon monoxide, carbon dioxide, sulfur oxides, hydrogen, sulfide, and incomplete combustion products.

PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up, which could result in container rupture. Fire responders should wear full protective equipment, including a self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: LARGE SPILLS>>Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress. Contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent, such as clay, sand, or other suitable material. Place in non-leaking containers for proper disposal. Flush area with water to remove trace residue. Dispose of flush solutions as above. SMALL SPILLS>>Take up with an absorbent material and place in non-leaking containers. Seal tightly for proper disposal.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact. Use appropriate personal protective equipment.

SAFE STORAGE: Store in cool, dry location. Avoid sources of moisture.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TLV	TLV/CEILING	TLV/STEL	SKIN
1. Petroleum Asphalt	5 mg/m ³ *	N/E	N/E	N/E	5 mg/m ³ *	N/E	N/E	N/E
2. Amino Silane	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E

*: Asphalt fumes

N/E: Not Established

ENGINEERING CONTROLS: None normally required.

PERSONAL PROTECTIVE EQUIPMENT: Wear safety glasses/goggles and chemical-resistant gloves. Respiratory protection is not normally required. Avoid direct contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/E	VAPOR DENSITY: >1 (air = 1)	% VOLATILE BY VOLUME: N/E (Theoretical)
EVAPORATION RATE: N/E	pH LEVEL: N/A	% VOLATILE BY WEIGHT: N/E (Theoretical)
WEIGHT PER GALLON: 10.80 (Theoretical)	PRODUCT APPEARANCE: Brown Paste	VOC CONTENT: 36 g/L
ODOR: None	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: >100 °C	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	N/A: Not Applicable	N/D: Not Determined
		N/E: Not Established

SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS AND MATERIALS TO AVOID: Avoid oxidizing materials and moisture.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Based on the presence of component 2, this product may cause severe eye irritation and corneal injury.

SKIN CONTACT: Exposure may cause mild skin irritation. Prolonged or repeated contact may cause redness, drying, and cracking of the skin. Persons with pre-existing skin disorders may be more susceptible to the effects of this material. Based on the presence of components 1 and 2, prolonged or repeated contact may result in defatting and drying of the skin, which may result in dermatitis.

INHALATION: This is not anticipated to be an exposure pathway due to low product volatility.

INGESTION: Ingestion may cause irritation of the gastrointestinal tract and/or ulceration/burns in the throat and mouth. Based on the presence of component 2, ingestion may result in nausea, vomiting, diarrhea, and restlessness.

SIGNS AND SYMPTOMS: Symptoms of eye irritation include pain, tearing, and swelling. Symptoms of skin irritation include reddening, swelling and rash. Symptoms of respiratory irritation include runny nose, sore throat, abdominal pain, nausea, vomiting, and diarrhea.

AGGRAVATED MEDICAL CONDITIONS: Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

OTHER HEALTH EFFECTS: From skin painting studies in laboratory animals, it has been concluded that some asphalts may possess weak carcinogenic activity. This means that workers who practice poor personal hygiene, and who are repeatedly exposed by direct skin contact with petroleum asphalt over many years may potentially be at risk of developing skin cancer. Intermittent or occasional skin contact with petroleum asphalt is not expected to have serious health effects as long as good personal hygiene measures, such as those outlined in this safety data sheet, are followed. In addition, asphalt vapors may contain polycyclic aromatic hydrocarbons, some of which are known to be carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: N/A	DEGRADABILITY: N/A	BIOACCUMULATIVE POTENTIAL: N/A
SOIL MOBILITY: N/A	OTHER ADVERSE EFFECTS: N/A	N/A: Not Applicable

SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Observe all federal, state, and local regulations regarding proper disposal.

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SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT

UN NUMBER: None.

HAZARD CLASS: None.

PACKING GROUP: N/A

UN PROPER SHIPPING NAME: N/A

ENVIRONMENTAL HAZARDS: None recognized.

BULK TRANSPORTATION INFORMATION: None.

SPECIAL PRECAUTIONS: None.

N/A: Not Applicable

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None recognized.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 1/8/2025

PREPARED BY: Dave Carey

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.