



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product: CATALYTIC BONDING ASPHALT **Part Number:** 7100-422
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: 4/15/2016
Product Use: Membrane Lap Joint Sealant

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	
Health	1
Flammability	2
Reactivity	0
Personal Protection	

HAZARD STATEMENTS

WARNING!

Causes skin/eye/respiratory irritation.
 Flammable Liquid and vapor.
 Harmful if inhaled.

PRECAUTIONARY STATEMENTS:

Store/use only in well-ventilated areas.
 Avoid breathing vapors and direct contact.
 Avoid ignition sources.
 Wear appropriate personal protective equipment.
 Control vapors in confined spaces utilizing mechanical ventilation.



SECTION 3: HAZARDS 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 (@25°C)</u>
1. Petroleum Asphalt	8052-42-4	80-85	No	N/E	N/E
2. #2 Fuel Oil	68476-34-6	15-20	No	N/E	0.6

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." *N/E: Not Established*

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Move victim 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 areas with mild soap and water. Remove contaminated shoes/clothing. If symptoms persist, seek medical attention. Do not use petroleum solvents to remove solids.
INHALATION: If respiratory symptoms develop move affected individual from exposure source and into fresh air. If symptoms persist, seek medical attention.
INGESTION: Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC: See Section Eleven for Symptoms/Effects.

SECTION 5: FIRE AND EXPLOSIVES HAZARDS

FLASHPOINT: 43 degrees C
EXTINGUISHING MEDIA: Water fog, foam, dry chemical.
CHEMICAL/COMBUSTION HAZARDS: Carbon monoxide, carbon dioxide, oxides/compounds of sulfur/nitrogen & incomplete combustion products.
PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT: Avoid smoke inhalation. Personal protective equipment should include helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Avoid direct contact. Remove ignition sources. Dike and contain spilled material. Remove source of spill if safe to do so. Apply absorbent and place clean-up material in sealed/marked containers for proper disposal.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING PROCEDURES: Avoid direct contact. Keep containers closed when not in use. Avoid sources of ignition.
SAFE STORAGE: Keep containers closed when not in use. Keep away from ignition sources.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name:</u>	OSHA				ACGIH			
	<u>PEL</u>	<u>PEL/CEILING</u>	<u>PEL/STEL</u>	<u>SKIN</u>	<u>TWA</u>	<u>TLV/CEILING</u>	<u>TLV/STEL</u>	<u>SKIN</u>
1. Petroleum Asphalt	5 mg/m ³ *	N/E	N/E	No	5 mg/m ³ *	N/E	N/E	N/E
2. #2 Fuel Oil	50 mg/m ³	N/E	N/E	No	52 mg/m ³	N/E	79 mg/m ³	No

N/E: Not Established * : Asphalt Fumes

ENGINEERING CONTROLS: None required under normal use conditions.

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Section 8 continued

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/D EVAPORATION RATE: <1 (Ether=1) WEIGHT PER GALLON: 8.04 ODOR: Mild Organic FLASH POINT: See Section 5 VAPOR PRESSURE: N/D PARTITION COEFFICIENT: N/D VISCOSITY: N/D	VAPOR DENSITY: >1 (air=1) pH LEVEL: N/E PRODUCT APPEARANCE: Black Semi-Solid ODOR THRESHOLD: N/D FLAMMABILITY: See Section 5 RELATIVE DENSITY: N/D AUTOIGNITION TEMPERATURE: N/D	% VOLATILE BY VOLUME: N/E % VOLATILE BY WEIGHT: 18.75 (approximate) VOC CONTENT: 182 g/L MELTING/FREEZING POINT: N/D UEL/LEL: N/D SOLUBILITY: N/D DECOMPOSITION TEMPERATURE: N/D <i>N/D: Not Determined</i>
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SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.
CONDITIONS AND MATERIALS TO AVOID: Oxidizing agents, strong acids, and strong alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides/compounds of sulfur/nitrogen and incomplete combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Direct contact may cause mild to moderate irritation.
SKIN CONTACT: Direct contact may result in mild to moderate skin irritation. Prolonged/repeated contact may result in dermatitis.
INHALATION: Exposure may cause irritation of the nose, throat, respiratory tract, and other mucous membranes. Exposure to excessive vapor concentrations may cause signs of transient central nervous system depression (headache, fatigue, drowsiness, dizziness, loss of coordination).
INGESTION: Not anticipated to be an exposure route. Ingestion may cause mild to moderate irritation of the digestive tract. Lung aspiration of vomitus may cause severe lung damage.
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: #2 fuel oil is classified as a Group 3 material by the IARC. Not classifiable as a human carcinogen. Both asphalt and #2 fuel oil have been shown to have weak carcinogenic activity in laboratory animals during skin painting studies. A potential cancer risk may be present with repeated/prolonged skin exposures coupled with poor personal hygiene.

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Hazardous waste (D001) suitable for incineration or fuel blending.

SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT (Domestic Land Transportation).
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.

SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None recognized.

SECTION 16: OTHER INFORMATION

PREPARATION DATE: 4/15/2016
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.
