# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product:</th>
<th>1178 BULK ROAD REPAIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer:</td>
<td>W. R. Meadows, of Western Canada</td>
</tr>
<tr>
<td>Telephone:</td>
<td>(780) 400-1772</td>
</tr>
<tr>
<td>Revision Date:</td>
<td>7/18/2018</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Road Repair Product</td>
</tr>
</tbody>
</table>

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>HMIS</th>
<th>HAZARD STATEMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td></td>
</tr>
<tr>
<td>Personal Protection</td>
<td></td>
</tr>
</tbody>
</table>

- **Health**: N/E
- **Flammability**: N/E
- **Reactivity**: N/E
- **Personal Protection**: None required under normal use conditions.

### HMIS

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

### Expiration Limit

- **TLV/STEL**: N/E
- **TLV/CEILING**: N/E
- **OSHA TLV**: N/E
- **ACGIH TLV**: N/E

**Warning**: This product contains silica sand. Silica sand contains silica as a naturally occurring component. Exposure to silica is not expected to occur due to the presence of asphalt. If the product is dried/abraded, appropriate protective measures should be taken to reduce/eliminate silica exposures.

### Chemicals listed on the 313 List

- **Chemical Name**: Petroleum Asphalt
- **CAS Number**: 8052-42-4
- **% by Weight**: 1-5
- **SARA 313**: Yes
- **Vapor Pressure**: 0.27 kPa
- **RELATIVE DENSITY**: N/D
- **SOLUBILITY**: N/D
- **PARTITION COEFFICIENT**: N/D
- **AUTOIGNITION TEMPERATURE**: N/D
- **DECOMPOSITION TEMPERATURE**: N/D
- **PH LEVEL**: N/A
- **VAPOR DENSITY**: N/A
- **% VOLATILE BY VOLUME**: N/A
- **% VOLATILE BY WEIGHT**: N/A
- **VOC CONTENT**: 0 g/L
- **MELTING/FREEZING POINT**: N/D

## SECTION 3: HAZARDS COMPONENTS

### Chemical Name

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>% by Weight</th>
<th>Vapor Pressure</th>
<th>LEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Asphalt</td>
<td>8052-42-4</td>
<td>1-5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>#2 Fuel Oil</td>
<td>68476-30-2</td>
<td>1-5</td>
<td>0.27 kPa</td>
<td>0.60%</td>
</tr>
</tbody>
</table>

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

### EYE CONTACT

Flush eyes with water for fifteen (15) minutes. If symptoms persist, seek medical attention.

### SKIN CONTACT

Wash affected areas with mild soap and water.

### INHALATION

Not expected to be an exposure route as supplied. If respiratory symptoms develop, seek medical attention.

### INGESTION

Not anticipated to be an exposure route. If ingested, seek immediate medical attention.

###MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC

- **#2 Fuel Oil**: A suspect human carcinogen. IARC group 3.
- **Petroleum Asphalt**: Causes skin irritation.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

### FLASHPOINT

Not applicable; product is a solid.

### CHEMICAL/COMBUSTION HAZARDS

Oxides and compounds of nitrogen/sulfur, carbon monoxide/dioxide, and incomplete combustion products.

### PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT

Avoid smoke inhalation. Use appropriate personal protective equipment.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### SPILL OR LEAK PROCEDURES

Product can be recovered/reused.

### SAFE HANDLING PROCEDURES

Avoid direct contact.

### SAFE STORAGE

Keep containers closed when not in use.

## SECTION 7: HANDLING AND STORAGE

### OSHA

- **PEL**: 5 mg/m³
- **PEL/Ceiling**: N/E
- **PEL/STEL**: N/E
- **SKIN**: No
- **TLV**: 0.5 mg/m³
- **TLV/Ceiling**: N/E
- **TLV/STEL**: N/E
- **SKIN**: N/E

### ACGIH

- **Asphalt Fumes**: N/E

### PERSONAL PROTECTIVE EQUIPMENT

Safety glasses, chemical-resistant gloves.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### BOILING POINT

- **Petroleum Asphalt**: N/A
- **#2 Fuel Oil**: N/A

### EVAPORATION RATE

- **Petroleum Asphalt**: N/A
- **#2 Fuel Oil**: N/A

### WEIGHT PER GALLON

- **Petroleum Asphalt**: N/A
- **#2 Fuel Oil**: N/A

### ODOR

- **Petroleum Asphalt**: Mild Organic
- **#2 Fuel Oil**: Mild Organic

### FLASH POINT

- **Petroleum Asphalt**: See Section 5
- **#2 Fuel Oil**: See Section 5

### VAPOR PRESSURE

- **Petroleum Asphalt**: N/D
- **#2 Fuel Oil**: N/D

### PARTITION COEFFICIENT

- **Petroleum Asphalt**: N/D
- **#2 Fuel Oil**: N/D

### VISCOSITY

N/D

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### pH LEVEL

- **Petroleum Asphalt**: N/A
- **#2 Fuel Oil**: N/A

### PRODUCT APPEARANCE

- **Petroleum Asphalt**: Black Semi-Solid
- **#2 Fuel Oil**: Black Semi-Solid

### ODOR THRESHOLD

- **Petroleum Asphalt**: N/D
- **#2 Fuel Oil**: N/D

### RELATIVE DENSITY

- **Petroleum Asphalt**: N/D
- **#2 Fuel Oil**: N/D

### AUTOIGNITION TEMPERATURE

- **Petroleum Asphalt**: N/D
- **#2 Fuel Oil**: N/D

### DECOMPOSITION TEMPERATURE

- **Petroleum Asphalt**: N/D
- **#2 Fuel Oil**: N/D

### N/A: Not Determined
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.