SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION
Product: #164
Part Number: 4220000
Manufacturer: W. R. MEADOWS, INC.
Address: 300 Industrial Drive
Hampshire, Illinois 60140
Telephone: (847) 683-4500
In case of emergency, dial (800) 424-9300 (CHEMTREC)
Revision Date: 8/31/2018
Product Use: Hot-Applied Joint Sealant

SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

### HMIS
- Health: 1 | WARNING!
- Flammability: 1 | Causes skin irritation.
- Reactivity: 0 | Heated material will cause burns.
- Personal Protection: |

### PRECAUTIONARY STATEMENTS
- Avoid direct contact.
- Avoid inhalation of fumes.

### HAZARD STATEMENTS
- WARNING!

### EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>% by SARA</th>
<th>Vapor Pressure (mm Hg@20°C)</th>
<th>LEL (mm Hg@25°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Petroleum Asphalt</td>
<td>8052-42-4</td>
<td>45-50</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>2. Petroleum Oil Base Stock</td>
<td>64742-65-0</td>
<td>5-10</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>3. Limestone</td>
<td>1317-65-3</td>
<td>25-30</td>
<td>No</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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." N/A = Not Applicable

SECTION 3: HAZARDS COMPONENTS

### Chemical Name:
- Petroleum Asphalt
- Petroleum Oil Base Stock
- Limestone

### CAS Number:
- 8052-42-4
- 64742-65-0
- 1317-65-3

### Weight:
- 45-50
- 5-10
- 25-30

### % by SARA:
- No
- No
- No

### Vapor Pressure (mm Hg@20°C):
- N/A
- N/A
- N/A

### LEL (mm Hg@25°C):
- N/A
- N/A
- N/A

### HMIS:
- Health: 5
- Flammability: 3
- Reactivity: 0
- Personal Protection: 0

### PEL:
- Petroleum Asphalt: 5 mg/m³
- Petroleum Oil Base Stock: N/E
- Limestone: N/A

### PEL/CEILING
- Petroleum Asphalt: N/E
- Petroleum Oil Base Stock: N/E
- Limestone: N/A

### PEL/STEL
- Petroleum Asphalt: N/E
- Petroleum Oil Base Stock: N/E
- Limestone: N/A

### SKIN
- Petroleum Asphalt: No
- Petroleum Oil Base Stock: No
- Limestone: No

### TLV
- Petroleum Asphalt: 0.5 mg/m³
- Petroleum Oil Base Stock: 5 mg/m³
- Limestone: N/A

### TLV/CEILING
- Petroleum Asphalt: N/E
- Petroleum Oil Base Stock: N/E
- Limestone: N/A

### TLV/STEL
- Petroleum Asphalt: N/E
- Petroleum Oil Base Stock: N/E
- Limestone: N/A

### SKIN
- Petroleum Asphalt: N/E
- Petroleum Oil Base Stock: N/E
- Limestone: N/E

*: Asphalt Fumes
+: Mineral Oil Mist in Air
N/E: Not Established

### PERSONAL PROTECTIVE EQUIPMENT:
- Safety glasses, chemical resistant gloves.
# SAFETY DATA SHEET

**Date of Preparation:** 08/31/18

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Weight Per Gallon</td>
<td>N/A</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild Asphalt</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/D</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>N/D</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>N/A</td>
</tr>
<tr>
<td>% Volatile by Volume</td>
<td>N/A</td>
</tr>
<tr>
<td>% Volatile by Weight</td>
<td>N/A</td>
</tr>
<tr>
<td>pH Level</td>
<td>N/A</td>
</tr>
<tr>
<td>Product Appearance</td>
<td>Black Solid</td>
</tr>
<tr>
<td>Flash Point; See Section 5</td>
<td>N/D</td>
</tr>
<tr>
<td>Flammability</td>
<td>N/D</td>
</tr>
<tr>
<td>UEL/LEL</td>
<td>N/D</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/D</td>
</tr>
<tr>
<td>Relative Density</td>
<td>N/D</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>N/D</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>N/D</td>
</tr>
</tbody>
</table>

## SECTION 10: STABILITY/REACTIVITY

**Stability:** Stable.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS AND MATERIALS TO AVOID:** None recognized.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None recognized.

## SECTION 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*.

## 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:** Landfill disposal.

## SECTION 14: TRANSPORTATION INFORMATION

**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.

## SECTION 15: REGULATORY INFORMATION

**Other Regulatory Considerations:** None recognized.

## SECTION 16: OTHER INFORMATION

**Preparation Date:** 8/31/2018

**Prepared By:** Dave Carey

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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.