Asphalt Patch
Safety Data Sheet

SECTION 1: Product and company identification

Product name: Asphalt Patch
Use of the substance/mixture: Repair product
Product SDS Number: 1501
Company: Cannon Industrial Products
PO Box 291344
Nashville, TN 37229 - USA
T: (815) 391-4046

EMERGENCY RESPONSE: INFO TRAC (NORTH AMERICA): 1-800-535-5053

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification (GHS-US)
Skin Irrit. 2 H315
Carc. 1B H250
STOT RE 2 H273
Full text of H-phrases: see section 15

2.2. Label elements

GHS-US labelling
Hazard pictograms (GHS-US)

Signal word (GHS-US): Danger
Hazard statements (GHS-US): Causes skin irritation, May cause cancer, May cause damage to organs through prolonged or repeated exposure
Precautionary statements (GHS-US): Obtain special instructions before use, Do not handle until all safety precautions have been read and understood, Do not breathe dust, Wash thoroughly after handling, Wear protective gloves, clothes, and goggles, If skin contacted: Wash with plenty of water for at least 15 minutes, If exposed or concerned: Get medical advice/attention, Get medical advice/attention if you feel unwell, Specific treatment (see first aid measures on this label), If skin irritation occurs: Get medical advice/attention, Take off contaminated clothing and wash before reuse, Store locked up, Dispose of contents/container to meet all regulations.

2.3. Other hazards
No additional information available

2.4. Unknown acute toxicity (GHS-US)
Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance
Not applicable
Full text of H-phrases: see section 15

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Asphalt Base</td>
<td>(CAS No) 8052-42-4</td>
<td>2 - 8</td>
<td>Carc. 1B, H250</td>
</tr>
</tbody>
</table>

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general
Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation
Give oxygen or artificial respiration if necessary. Get medical advice/attention if you feel unwell. Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact
Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see first-aid measures on this label).

First-aid measures after eye contact
Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion
Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation
Dizziness, headaches, nausea. May cause respiratory irritation.

Symptoms/injuries after skin contact
Irritation. Causes skin irritation.

Symptoms/injuries after eye contact
Severe irritation including redness, tearing and blurred vision.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Explosion hazard
Never use a welding or cutting torch on or near drums of this material (even empty drums) because the material can ignite explosively.

Reactivity
Stable under normal conditions.

5.3. Advice for firefighters

Firefighting instructions
Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting
Do not enter fire area without proper protective equipment, including respiratory protection.

Special protective equipment for fire fighters
Full face piece respirator.
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Other information
Water or foam may cause frothing which can be violent and may present a life-threatening situation. Frothing is most likely to occur when streams of water or foam are sprayed into hot or burning containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Generators
The material can be reused: use old material as a base under fresh product.

6.1.1. For non-emergency personnel
Emergency procedures
Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment
Equip cleanup crew with proper protection.
Emergency procedures
Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections
See Heading 8: Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Precautions for safe handling
Wash hands and other exposed areas with mild soap and water. Rinse well, dry thoroughly, and use soap and water to remove any spilled material. Avoid breathing dust.

Hygiene measures
Wash contaminated clothing before reuse. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any Incompatibilities
Storage conditions
Keep only in the original container in a cool, well-ventilated place away from direct sunlight.

Incompatible products
Strong bases. Strong acids.

Incompatible materials
Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>This Product</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petroleum Solvent (68475-34-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td>TWA (mg/m³)</td>
<td>100 mg/m³</td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Petroleum Asphalt Base (8052-42-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>OSHA</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Quartz (14808-60-7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td>TWA (mg/m³)</td>
<td>0.025 respirable fraction</td>
</tr>
<tr>
<td>OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>0.1 mg/m³ respirable dust</td>
</tr>
</tbody>
</table>

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## 8.2 Exposure controls

| Personal protective equipment | Avoid all unnecessary exposure |
| Hand protection               | Wear protective gloves          |
| Eye protection                | Chemical goggles or safety glasses |
| Skin and body protection      | Impervious clothing, impervious shoes, wear suitable protective clothing |
| Respiratory protection        | Wear appropriate mask           |
| Other information             | Do not eat, drink or smoke during use |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Black coated stone</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Odor</td>
<td>Tar, Petroleum</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (toluene=1)</td>
<td>Slower than ether</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200 °C</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>Solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under normal conditions

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

None known.
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10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

10.6. Incompatible materials
Strong acids. Strong bases.

10.6. Hazardous decomposition products

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Petroleum Solvent (88476-34-6)</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>5000 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>2000 mg/kg</td>
</tr>
<tr>
<td>ATE US (oral)</td>
<td>5000 000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (dermal)</td>
<td>2000 000 mg/kg body weight</td>
</tr>
<tr>
<td>ATE US (gases)</td>
<td>4500 000 ppmV/4h</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>11 000 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>1500 mg/l/4h</td>
</tr>
<tr>
<td>Petroleum Asphalt Base (8052-42-4)</td>
<td></td>
</tr>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 94.4 mg/l</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Causes skin irritation.

Sensory eye damage/irritation
Not classified.

Respiratory or skin sensitization
Not classified.

Genetic cell mutagenicity
Not classified.

Carcinogenicity
May cause cancer.

Petroleum Asphalt Base (8052-42-4)

IARC group
2A - Probably carcinogenic to humans, 2B - Possibly carcinogenic to humans

Quartz (14808-60-7)

IARC group
1 - Carcinogenic to humans

Reproductive toxicity
Not classified.

Specific target organ toxicity (single exposure)
Not classified.

Specific target organ toxicity (repeated exposure)
May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard
Not classified.

Potential adverse human health effects and symptoms
Dizziness, headaches, nausea. May cause respiratory irritation.
Irritation. Causes skin irritation.
Severe irritation including redness, tearing and blurred vision.

SECTION 12: Ecological Information

12.1. Toxicity

No additional information available.

12.2. Persistence and degradability

This Product
Persistence and degradability Not established.

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<table>
<thead>
<tr>
<th>Compound</th>
<th>Persistence and Degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Solvent (84476-34-4)</td>
<td>May cause long-term adverse effects in the environment</td>
</tr>
<tr>
<td>Petroleum Asphalt Base (8052-42-4)</td>
<td></td>
</tr>
<tr>
<td>Quartz (14808-80-7)</td>
<td></td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product</th>
<th>Bioaccumulative potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>This Product</td>
<td>Although there is no evidence that the components of this product bioaccumulate in the food</td>
</tr>
<tr>
<td></td>
<td>chains, the heavier molecular weight components of asphalt and Petroleum solvent may be</td>
</tr>
<tr>
<td></td>
<td>persistent under some environmental conditions. Release of these products into</td>
</tr>
<tr>
<td></td>
<td>surface waters should be avoided. Not established.</td>
</tr>
<tr>
<td>Petroleum Solvent (84476-34-4)</td>
<td>Not established.</td>
</tr>
<tr>
<td>Petroleum Asphalt Base (8052-42-4)</td>
<td>Not established.</td>
</tr>
<tr>
<td>Quartz (14808-80-7)</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

#### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

- **Waste disposal recommendations**: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents to meet local and national regulations.
- **Ecology - waste materials**: Avoid release to the environment.

#### SECTION 14: Transport information

**Department of Transportation (DOT)**

- In accordance with DOT: Not regulated for transport

**Additional Information**

- **Other Information**: No supplementary information available

**ADR**

- No additional information available

**Transport by sea**

- No additional information available

**Air transport**

- No additional information available

#### SECTION 15: Regulatory information

##### 15.1. US Federal regulations

- **Petroleum Solvent (84476-34-4)**: Listed on the United States TSCA (Toxic Substances Control Act) inventory
- **Petroleum Asphalt Base (8052-42-4)**: Listed on the United States TSCA (Toxic Substances Control Act) inventory
- **Quartz, Silica (14808-80-7)**: Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### 15.2. International regulations

- **CANADA**: No additional information available
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EU-Regulations
No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Classification according to Directive 57/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified

15.2.2. National regulations
Quartz, Silica (14808-60-7)
Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations
Petroleum Asphalt Base (8052-42-4)
U.S. - New Jersey - Right to Know Hazardous Substance List
Quartz, Silica (14808-60-7)
U.S. - New Jersey - Right to Know Hazardous Substance List

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

SECTION 16: Other Information

Other information
None.

Full text of H-phrases
Acute Tox. 4 (Dermal)  Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation) Acute toxicity (inhalation) Category 4
Aquatic Chronic 2 Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp Tox 1 Aspiration hazard Category 1
Carc 1A Carcinogenicity Category 1A
Carc 1B Carcinogenicity Category 1B
Carc 2 Carcinogenicity Category 2
Flam. Liq 3 Flammable liquids Category 3
Skin Irrit. 2 Skin corrosion/irritation Category 2
STOT RE 2 Specific target organ toxicity (repeated exposure) Category 2
H226 Flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H312 Harmful in contact with skin
H315 Causes skin irritation
H332 Harmful if inhaled
H350 May cause cancer
H351 Suspected of causing cancer
H373 May cause damage to organs through prolonged or repeated exposure
H411 Toxic to aquatic life with long lasting effects

NFPA health hazard 1: Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard 1: Must be preheated before ignition can occur
NFPA reactivity 0: Normally stable, even under fire exposure conditions, and are not reactive with water.

Prepared by: Technical Department

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from its use thereof. Our company assumes no responsibility for personal injury or property damage to the vendor, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of this material.

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