Sakrete Blacktop Patch
Safety Data Sheet
Date of issue: 05/08/2017    Revision date: 01/31/2018    Version: 1.0

SECTION 1: Identification

1.1. Identification
Product form: Mixtures
Product name: Sakrete Blacktop Patch

1.2. Recommended use and restrictions on use
Recommended use: Road and construction applications

1.3. Supplier
Sakrete of North America
625 Griffith Rd., Ste 100
Charlotte, NC 28217
T 866-725-7383

1.4. Emergency telephone number
Emergency number: For Hazardous Materials [or Dangerous Goods] Incident
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
1-800-424-9300 [USA] / +1 703-527-3887 [CAN]

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Carc. 1A
STOT RE 1

2.2. GHS Label elements, including precautionary statements
GHS-US labeling
Hazard pictograms (GHS-US): 

Signal word (GHS-US): Danger
Hazard statements (GHS-US): May cause cancer
Causes damage to lungs 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/lume/gas/mist/vapors/spray
Wash hands, forearms and face thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
If exposed or concerned: Get medical advice/attention
Store locked up
Dispose of contents/container to hazardous or special waste collection point, in accordance
with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable
**Sakrete Blacktop Patch**  
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### 3.2 Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>(CAS-No.) 8052-42-4</td>
<td>≥ 70</td>
</tr>
<tr>
<td>Quartz</td>
<td>(CAS-No.) 14808-60-7</td>
<td>&gt; 1</td>
</tr>
</tbody>
</table>

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret*

### SECTION 4: First-aid measures

#### 4.1 Description of first aid measures

- **First-aid measures after inhalation**: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- **First-aid measures after skin contact**: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
- **First-aid measures after eye contact**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- **First-aid measures after ingestion**: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention.

#### 4.2 Most important symptoms and effects (acute and delayed)

- **Symptoms/effects after inhalation**: May cause irritation to the respiratory tract.
- **Symptoms/effects after skin contact**: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- **Symptoms/effects after eye contact**: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- **Symptoms/effects after ingestion**: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### 4.3 Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable (and unsuitable) extinguishing media

- **Suitable extinguishing media**: Carbon dioxide (CO2), dry chemical powder, water spray.
- **Unsuitable extinguishing media**: None known.

#### 5.2 Specific hazards arising from the chemical

- **Fire hazard**: Products of combustion may include, and are not limited to: oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Vapors may contain hydrogen sulfide gas (H2S) which can be harmful or fatal if inhaled.
- **Reactivity**: No dangerous reactions known under normal conditions of use.

#### 5.3 Special protective equipment and precautions for fire-fighters

Protection during firefighting: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

**General measures**: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

- **For non-emergency personnel**: No additional information available
- **For emergency responders**: No additional information available

#### 6.2 Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3 Methods and material for containment and cleaning up

- **For containment**: Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate personal protection equipment (PPE).
- **Methods for cleaning up**: Scoop up material and place in a disposal container.
**SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Additional hazards when processed:** Reacts violently on contact with water. Risk of thermal burns on contact with hot product.

**Precautions for safe handling:**
- Avoid contact with skin, eyes and clothing. Do not breathe dust, fume, gas, mist, spray, vapors. Do not swallow. When using do not eat, drink or smoke. Handle and open container with care.

**Hygiene measures:** Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Keep out of the reach of children. Store in dust-tight, dry, labelled containers. Keep containers closed when not in use. Do not store in an area equipped with emergency water sprinklers.

**SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

<table>
<thead>
<tr>
<th></th>
<th>ACGIH TW (mg/m³)</th>
<th>NIOSH REL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Asphalt (8052-42-4)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NIOSH</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Quartz (14808-60-7)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
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<tr>
<td>OSHA</td>
<td></td>
<td></td>
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<tr>
<td>IDLH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NIOSH</td>
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</tr>
</tbody>
</table>

#### 8.2. Appropriate engineering controls

**Appropriate engineering controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

**Environmental exposure controls:** Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

**Hand protection:**
- Wear suitable waterproof gloves

**Eye protection:**
- Wear approved eye (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.

**Skin and body protection:**
- Wear suitable protective clothing

**Respiratory protection:**
- A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA’s respirator standard (29 CFR 1910.134) and ANSI’s standard for respiratory protection (Z88.2).

**Other information:**
- Handle in accordance with good industrial hygiene and safety procedures. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

**SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

**Physical state:** Liquid (at elevated temperature)

**Appearance:**
- Semi-solid (at ambient temperature)
- Viscous

**Color:** Black
Odor: Mild petroleum odour
Odor threshold: No data available
pH: No data available
Melting point: 86 - 149 °F
Freezing point: No data available
Boiling point: > 380 °F
Flash point: > 200 °F
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): No data available
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: 1 - 1.04
Solubility: No data available
Partition coefficient n-octanol/water: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity, kinematic: > 300 cSt @ 140°F
Viscosity, dynamic: No data available
Explosion limits: No data available
Explosive properties: No data available
Oxidizing properties: No data available

9.2. Other information
VOC content: 32 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known under normal conditions of use.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
Moisture. Incompatible materials.

10.5. Incompatible materials
Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products
May include, and are not limited to: oxides of carbon. Oxides of nitrogen. Oxides of sulfur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified

<table>
<thead>
<tr>
<th>Asphalt (8052-42-4)</th>
<th></th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: May cause cancer.
Asphalt (8052-42-4)

<table>
<thead>
<tr>
<th>IARC group</th>
<th>2B - Possibly carcinogenic to humans</th>
</tr>
</thead>
<tbody>
<tr>
<td>In OSHA Hazard Communication Carcinogen list</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Quartz (14808-60-7)

<table>
<thead>
<tr>
<th>IARC group</th>
<th>1 - Carcinogenic to humans</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Toxicology Program (NTP) Status</td>
<td>2 - Known Human Carcinogens</td>
</tr>
<tr>
<td>In OSHA Hazard Communication Carcinogen list</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Causes damage to lungs through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Aspiration hazard : Not classified
Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
Symptoms/effects after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No ecological consideration when used according to directions.

12.2. Persistence and degradability

**Sakrete Blacktop Patch**

Persistence and degradability : Not established.

12.3. Bioaccumulative potential

**Sakrete Blacktop Patch**

Bioaccumulative potential : Not established.

**Asphalt (8052-42-4)**

BCF fish 1 : (no bioaccumulation expected)
Partition coefficient n-octanol/water : > 6

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.
Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.
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SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT

UN-No.(DOT) : UN1999
Proper Shipping Name (DOT) : Tars, liquid
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT) : III
Hazard labels (DOT) :

SECTION 15: Regulatory information

15.1. US Federal regulations
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations
No additional information available

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

SECTION 16: Other information

Date of issue : 05/08/2017
Revision date : 05/08/2017
Other information : None.
Prepared by : Nexreg Compliance Inc.

www.Nexreg.com

SDS US (GHS HazCom 2012)_NEXREG_NEW

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