Safety Data Sheet

Firestone Building Products Company

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name


1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s)

- Construction

1.3 Details of the supplier of the safety data sheet

Manufacturer

- Firestone Building Products Company
  - 250 West 96th Street
  - Indianapolis, IN 46260
  - United States
  - firestonemsds@bfdp.com

Telephone (General)

- 800-428-4442

1.4 Emergency telephone number

Manufacturer

- (800) 424-9300 - CHEMTREC
- (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP

- Specific Target Organ Toxicity Repeated Exposure 2 - H373

DSD/DPD

- Harmful (Xn)
  - R48/20

2.2 Label Elements

CLP

WARNING

Hazard statements

- H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements

Prevention

- P260 - Do not breathe dust, fume, gas, mist, vapours and/or spray.
Response  ● P309+P311 - IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

Storage/Disposal  ● P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

Risk phrases  ● R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Safety phrases  ● S23 - Do not breathe gas/fumes/vapour/spray.

2.3 Other Hazards

CLP  ● According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD  ● According to European Directive 1999/45/EC this material is considered dangerous.

United States (US)
According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012  ● Specific Target Organ Toxicity Repeated Exposure 2 - H373

2.2 Label elements

OSHA HCS 2012

WARNING

Hazard statements  ● May cause damage to organs through prolonged or repeated exposure - H373

Precautionary statements

Prevention  ● Do not breathe dust, fume, gas, mist, vapours and/or spray. - P260

Response  ● IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. - P309+P311

Storage/Disposal  ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards


Canada
According to WHMIS

2.1 Classification of the substance or mixture

WHMIS  ● Other Toxic Effects - D2B

2.2 Label elements

WHMIS
2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

2.4 Other information

- The calcium carbonate is bound in an asphalt matrix, neither of which is expected to be released. The sand and granules are applied to the asphalt surface in such a manner that nominal release from the surface is anticipated.

See Section 12 for Ecological Information.

### Section 3 - Composition/Information on Ingredients

#### 3.1 Substances

- Material does not meet the criteria of a substance.

#### 3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>CAS:8052-42-4 EINECS:232-490-9</td>
<td>60% TO 70%</td>
<td>Ingestion/Oral-Rat LD50 • &gt;5000 mg/kg Inhalation-Rat LC50 • &gt;94.4 mg/m³</td>
<td>EU DSD/DPD: Self Classified - Carc. 3 EU CLP: Self Classified - Carc. 2, H351 OSHA HCS 2012: Carc. 2</td>
<td>NDA</td>
</tr>
<tr>
<td>Quartz</td>
<td>CAS:14808-60-7 EC Number:238-878-4</td>
<td>&lt; 10%</td>
<td>NDA</td>
<td>EU DSD/DPD: Self Classified - Carc 1; R45 EU CLP: Self Classified - Carc 1A, H350 OSHA HCS 2012: Carc 1A</td>
<td>NDA</td>
</tr>
</tbody>
</table>

See Section 11 for Toxicological Information.

### Section 4 - First Aid Measures

#### 4.1 Description of first aid measures

**Inhalation**
- Remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention.

**Skin**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

**Eye**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

**Ingestion**
- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

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

- Refer to Section 11 - Toxicological Information.
4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

4.4 Other information

- Molten asphalt will cause thermal burns. For thermal burns, flush the affected area with cold water and seek medical attention.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media

- Use water, foam, CO2 or dry chemical extinguishers to contain fire.

Unsuitable Extinguishing Media

- No data available.

Firefighting Procedures

- Fire fighters should avoid inhaling any combustion products.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- Burning of this product will produce thick black smoke.

Hazardous Combustion Products

- Carbon dioxide, carbon monoxide and partially burned carbon.

5.3 Advice for firefighters

- Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing to avoid smoke inhalation and lack of oxygen.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Administer oxygen if breathing is difficult.

Emergency Procedures

- Use normal clean up procedures.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Pick up large pieces. Vacuum dust. If sweeping is necessary, use a dust suppressant such as water. These procedures will help to minimize potential exposures. Scoop up material and put into a suitable container for disposal as a non-hazardous waste.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Do not breathe dusts or fumes generated from cutting or heating this material. Use this product with adequate ventilation. Always wash work clothes seperately from other clothing. Wash thoroughly after handling. Use personal protective equipment as described in Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store indoors in a cool, dry, well-ventilated area. Do not handle or store near an open
Incompatible Materials or Ignition Sources

- This product will react with strong oxidizing agents, reducing agents, strong acids and alkalies.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

---

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

<table>
<thead>
<tr>
<th>Result</th>
<th>ACGIH</th>
<th>Canada British Columbia</th>
<th>Canada Manitoba</th>
<th>Canada New Brunswick</th>
<th>Canada Northwest Territories</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWAs</td>
<td>0.025 mg/m³ TWA (respirable fraction)</td>
<td>0.025 mg/m³ TWA (respirable)</td>
<td>0.025 mg/m³ TWA (respirable fraction)</td>
<td>0.1 mg/m³ TWA (respirable fraction)</td>
<td>0.1 mg/m³ TWA (respirable mass); 0.3 mg/m³ TWA (total mass)</td>
</tr>
<tr>
<td>STELs</td>
<td>Not established</td>
<td>20 mg/m³ STEL</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

**Quartz (14808-60-7)**

| TWAs   | Not established | 10 mg/m³ TWA (total dust); 3 mg/m³ TWA (respirable fraction) | Not established | 10 mg/m³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica) | 5 mg/m³ TWA (respirable mass); 10 mg/m³ TWA (total mass) |
| STELs  | Not established | Not established | Not established | Not established | 10 mg/m³ STEL (Petroleum fumes) |

**Limestone (1317-65-3)**

| TWAs   | 0.5 mg/m³ TWA (fume, inhalable fraction, as Benzene-soluble aerosol) | 0.5 mg/m³ TWA (fume, inhalable fraction, as Benzene-soluble aerosol) | 0.5 mg/m³ TWA (fume, inhalable fraction, as Benzene-soluble aerosol) | 5 mg/m³ TWA (petroleum fumes) | 5 mg/m³ TWA (Petroleum fumes) |
| STELs  | Not established | Not established | Not established | Not established | 10 mg/m³ STEL (Petroleum fumes) |

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

| TWAs   | 0.025 mg/m³ TWA (respirable fraction) | 0.1 mg/m³ TWA (respirable mass); 0.3 mg/m³ TWA (total mass) | 0.10 mg/m³ TWA (designated substance regulation, respirable) | 0.1 mg/m³ TWAEV (respirable dust) | 300 particle/mL TWA (listed under Silica) |
| STELs  | Not established | Not established | Not established | Not established | 300 particle/mL TWA (listed under Silica) |

**Limestone (1317-65-3)**

| TWAs   | 5 mg/m³ TWA (respirable mass); 10 mg/m³ TWA (total mass) | Not established | 10 mg/m³ TWAEV (Limestone, containing no Asbestos and <1% Crystalline silica, total dust) | 300 particle/mL TWA; 10 mg/m³ TWA |
| STELs  | Not established | Not established | Not established | Not established | 30 mppcf TWA; 10 mg/m³ TWA |

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

| TWAs   | 0.5 mg/m³ TWA (fume, inhalable fraction, as Benzene-soluble aerosol) | 5 mg/m³ TWA (Petroleum fumes) | 0.5 mg/m³ TWA (fume, inhalable, as Benzene-soluble aerosol) | 5 mg/m³ TWAEV (fume) | 5 mg/m³ TWA (fume) |
| STELs  | Not established | Not established | Not established | Not established | 10 mg/m³ STEL (fume) |
# Exposure Control Notations

**Germany DFG**

- **Asphalt (8052-42-4):** Carcinogens: (Category 2 (considered to be carcinogenic for man, aerosol and vapour))
- **Quartz (14808-60-7):** Carcinogens: (Category 1 (causes cancer in man, alveola fraction))

## Exposure Limits Supplemental

**OSHA**

- **Quartz (14808-60-7):** Mineral Dusts: ((30)/(%SiO2 + 2) mg/m3 TWA, total dust; (250)/(%SiO2 + 5) mppcf TWA, respirable fraction; (10)/(%SiO2 + 2) mg/m3 TWA, respirable fraction)

### 8.2 Exposure controls

#### Engineering Measures/Controls

- No special ventilation systems are required under normal conditions of use.

#### Personal Protective Equipment

- **Respiratory**
  - Respiratory protection is not normally required. Use a NIOSH approved/certified respirator when the exposure limits are exceeded. Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

- **Eye/Face**
  - Safety glasses with side shields should be worn at a minimum.

- **Hands**
  - Leather or cotton gloves may be worn to prevent skin contact and irritation.

- **Skin/Body**
  - Normal work clothing (long sleeved shirts and long pants) is recommended.

#### General Industrial Hygiene Considerations

- Use good industrial hygiene practices in handling this material. Availability of eye wash fountains are recommended.

#### Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

## Key to abbreviations

- **ACGIH** = American Conference of Governmental Industrial Hygiene
- **NIOSH** = National Institute of Occupational Safety and Health
- **OSHA** = Occupational Safety and Health Administration
- **PEL** = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)
- **STEL** = Short Term Exposure Limits are based on 15-minute exposures.
- **TWA** = Time-Weighted Average Exposure Value
- **TWAEV** = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical Form</strong></td>
<td>Solid</td>
<td>Black mat with sand, ceramic and/or plastic film covered surface and an asphalt odor.</td>
<td>Asphalt odor.</td>
</tr>
</tbody>
</table>
### General Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Data</th>
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</thead>
<tbody>
<tr>
<td>Odor Threshold</td>
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<tr>
<td>Boiling Point</td>
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<td></td>
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<tr>
<td>Decomposition Temperature</td>
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<td>pH</td>
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<tr>
<td>Specific Gravity/Relative Density</td>
<td>Data lacking</td>
<td></td>
<td>Water Solubility</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Data lacking</td>
<td></td>
<td>Explosive Properties</td>
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<tr>
<td>pH</td>
<td>Data lacking</td>
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<tr>
<td>Specific Gravity/Relative Density</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Data lacking</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Data lacking</td>
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</table>

### Volatility

<table>
<thead>
<tr>
<th>Property</th>
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</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
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</tr>
<tr>
<td>Evaporation Rate</td>
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### Flammability

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<th>Property</th>
<th>Data</th>
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</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>Not relevant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LEL</td>
<td>Not relevant</td>
<td></td>
<td></td>
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<tr>
<td>Flammability (solid, gas)</td>
<td>Data lacking</td>
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</table>

### Environmental

<table>
<thead>
<tr>
<th>Property</th>
<th>Data</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
<td>Data lacking</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 10: Stability and Reactivity

#### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

- Stable under normal conditions of use.

#### 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

#### 10.4 Conditions to avoid

- Keep away from heat, ignition sources and incompatible materials.

#### 10.5 Incompatible materials

- This product will react with strong oxidizing agents.

#### 10.6 Hazardous decomposition products

- Carbon oxides, toxic gases, and fumes.

### Section 11 - Toxicological Information

#### 11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Component Name</th>
<th>CAS</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt (60% TO 70%)</td>
<td>8052-42-4</td>
<td><strong>Acute Toxicity</strong>: orl-rat LD50: &gt;5000 mg/kg; ihl-rat LC50: &gt;94.4 mg/m3; <strong>Mutagen</strong>: dna-mus-skn 600 mg/kg; <strong>Tumorigen/Carcinogen</strong>: skn-mus TDL0: 130 gm/kg/81W-l</td>
</tr>
<tr>
<td>Quartz (&lt; 10%)</td>
<td>14808-60-7</td>
<td><strong>Tumorigen/Carcinogen</strong>: ihl-rat TCL0: 50 mg/m3/6H/71W-l</td>
</tr>
</tbody>
</table>

**GHS Properties**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>EU/CLP ▪ Acute Toxicity - Oral - Classification criteria not met; OSHA HCS 2012 ▪ Acute Toxicity - Oral - Classification criteria not met</td>
</tr>
</tbody>
</table>
| Aspiration Hazard | EU/CLP • Classification criteria not met  
|--------------------|----------------------------------------|
|                    | OSHA HCS 2012 • Classification criteria not met  
| Carcinogenicity    | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  
| Germ Cell Mutagenicity | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  
| Skin corrosion/Irritation | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  
| Skin sensitization | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  
| STOT-RE            | EU/CLP • Specific Target Organ Toxicity Repeated Exposure 2  
|                    | OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 2  
| STOT-SE            | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  
| Toxicity for Reproduction | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  
| Respiratory sensitization | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  
| Serious eye damage/Irritation | EU/CLP • Classification criteria not met  
|                    | OSHA HCS 2012 • Classification criteria not met  

### Medical Conditions Aggravated by Exposure

#### Pre-existing lung conditions which may be aggravated if fumes/dusts are inhaled.

### Potential Health Effects

#### Inhalation

**Acute (Immediate)**

- Temporary irritation of nose and throat may occur.

**Chronic (Delayed)**

- This product contains crystalline silica which is listed by IARC as a suspect carcinogen. Silicosis (pulmonary fibrosis or severe lung scarring) may occur if exposed to high levels or repeated encounters with dust. Exposure to airborne particles that exceed the limits listed may cause lung cancer. This product also contains petroleum asphalt. If heated, there is limited evidence that derivatives of asphalt fumes may cause carcinogenic effects in animals. There is inadequate evidence to support that asphalt fumes alone are carcinogenic to humans.

#### Skin

**Acute (Immediate)**

- Mechanical irritation of the skin/skin abrasion may occur characterized by itching or redness.

**Chronic (Delayed)**

- No data available

#### Eye

**Acute (Immediate)**

- Mechanical irritation of the eye may occur characterized by itching or redness.

**Chronic (Delayed)**

- No data available.

### Ingestion

**Acute (Immediate)**

- Ingestion of this product unlikely.

**Chronic (Delayed)**

- No data available.

### Carcinogenic Effects

- When used under normal conditions, this product is not considered a carcinogen. Based upon the newly published IARC classifications for bitumen/asphalt fumes, it has been determined that the IARC carcinogen designation does not apply to this material as it does not contain material identified by IARC. This product contains crystalline silica. IARC Monographs on Evaluation of Carcinogenic Risk of Chemicals to Humans (Monograph 68, 1997) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to humans, IARC (Group I). Crystalline Silica is...
classified as a Known Carcinogen according to the NTP.

### Carcinogenic Effects

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>Group 1-Carcinogenic</td>
<td>Known Human Carcinogen</td>
</tr>
<tr>
<td>Asphalt</td>
<td>8052-42-4</td>
<td>Group 2B-Possible Carcinogen</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

### Section 12 - Ecological Information

12.1 Toxicity
- No information available for the product.

12.2 Persistence and degradability
- No information available for the product.

12.3 Bioaccumulative potential
- No information available for the product.

12.4 Mobility in Soil
- No information available for the product.

12.5 Results of PBT and vPvB assessment
- No data available

12.6 Other adverse effects
- No information available for the product.

12.7 Other Information
- This product has not been tested. Based on information related to all raw materials in the finished product it is not expected to harm ecosystems through its applied use.

### Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### Section 14 - Transport Information

<table>
<thead>
<tr>
<th></th>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>TDG</td>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>NDA</td>
<td>Not Regulated</td>
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<tr>
<td>ADN</td>
<td>NDA</td>
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<td>NDA</td>
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<td>IATA/ICAO</td>
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<td>NDA</td>
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</tbody>
</table>

14.6 Special precautions for
- None known.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>MA</th>
<th>NJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>8052-42-4</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>Canada NDSL</th>
<th>EU EINECS</th>
<th>EU ELNICS</th>
<th>TSCA</th>
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<tbody>
<tr>
<td>Asphalt</td>
<td>8052-42-4</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
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<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Australia

Labor - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

- Asphalt
- Limestone
- Quartz

Canada

Labor - WHMIS - Classifications of Substances

- Asphalt
- Limestone
- Quartz

Preparation Date: 19/February/2014
Revision Date: 19/February/2014

Format: EU CLP/REACH Language: English (US)
Canada - WHMIS - Ingredient Disclosure List

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  1 %

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
- Quartz: 14808-60-7  Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

- Asphalt: 8052-42-4  Not Listed
- Limestone: 1317-65-3  Not Listed
15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H372 - Causes damage to organs through prolonged or repeated exposure.
- H351 - Suspected of causing cancer.

Last Revision Date  
19/February/2014

Preparation Date  
19/February/2014
Disclaimer/Statement of Liability

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Key to abbreviations
NDA = No Data Available