

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 • **SBS Glass Series: SBS Glass, BASEGARD™ SA, SBS Base, SBS Premium Base, SBS Glass Torch Base**

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
200 4th Avenue S
Nashville, TN 37201-2208
United States

firestonemsds@bfdp.com

Telephone (General) • 800-428-4442

1.4 Emergency telephone number

Manufacturer • (800) 424-9300 - CHEMTREC

Manufacturer • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

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 1 - H372

DSD/DPD • Harmful (Xn)
R20

2.2 Label Elements

CLP

DANGER



Hazard statements • H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention • P260 - Do not breathe dust, fume, gas, mist, vapours and/or spray.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.

Response • P314 - Get medical advice/attention if you feel unwell.

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

DSD/DPD



- Risk phrases** • R20 - Harmful by inhalation.

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 preparation 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 1

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements** • Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

- Prevention** • Do not breathe dust, fume, gas, mist, vapours and/or spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
- Response** • Get medical advice/attention if you feel unwell.
- Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

- OSHA HCS 2012** • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.
-

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

- WHMIS** • Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- WHMIS** • Other Toxic Effects - D2B

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 in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

| Composition | | | | | |
|--|--|---------------|--|---|--|
| Chemical Name | Identifiers | % | LD50/LC50 | Classifications According to Regulation/Directive | Comments |
| Asphalt | CAS:8052-42-4 EINECS:232-490-9 | 40% TO 85% | Ingestion/Oral-Rat LD50 • >5000 mg/kg Inhalation-Rat LC50 • >94.4 mg/m ³ | EU DSD/DPD: Self Classified: Carc. 3; R40 EU CLP: Self Classified: Carc. 2, H351 OSHA HCS 2012: Carc. 2 | Bound in an asphalt matrix |
| Limestone | CAS:1317-65-3 EC Number:215-279-6 | 0% TO 35% | NDA | EU DSD/DPD: Self Classified: Xn R48/20 EU CLP: Self Classified: STOT RE 1 (Lungs), H372 OSHA HCS 2012: STOT RE 1 (Lungs) | NDA |
| Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | CAS:64742-52-5 EC Number:265-155-0 | 0% TO 10% | NDA | EU DSD/DPD: Annex I: Carc.Cat.2; R45 EU CLP: Annex VI: Carc. 1B, H350 OSHA HCS 2012: Skin Irrit. 2 | NDA |
| Quartz | CAS:14808-60-7 EC Number:238-878-4 | < 10% | NDA | EU DSD/DPD: Self Classified: Carc 1; R45 EU CLP: Self Classified: Carc. 1A, H350 OSHA HCS 2012: Carc. 1A | Only nominal amounts released |
| Fibrous Glass | NDA | 2% TO 5% | NDA | EU DSD/DPD: Not Classified - Criteria not met EU CLP: Not Classified - Criteria not met OSHA HCS 2012: Not Classified - Criteria not met | Bound within the oxidized-asphalt matrix of this product |
| Talc | CAS:14807-96-6 EC Number:238-877-9 | 0% TO 1% | NDA | EU DSD/DPD: Self Classified: N R48/20 EU CLP: Self Classified: STOT RE 1, H372 OSHA HCS 2012: STOT RE 1 (Lungs) | Only nominal amounts released |
| | | | Ingestion/Oral-Rat | | |

| | | | | | |
|--------------|---------------------------------------|-----|---|---|-----|
| Formaldehyde | CAS:50-00-0 EC Number:200-001-8 | N/A | LD50 • 100 mg/kg Inhalation-Rat LC50 • 203 mg/m ³ Skin-Rabbit LD50 • 270 mg/kg | EU CLP: Community workplace exposure limit | NDA |
|--------------|---------------------------------------|-----|---|---|-----|

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**
- Remove contaminated clothing and wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.
- Eye**
- If foreign matter enters eyes, immediately flush with large amounts of water for at least 15 minutes or until irritation subsides. If irritation develops, or persists, seek medical attention.
- Ingestion**
- Consult a physician if unusual reaction is noted. Product is not intended nor is it likely to be ingested or eaten.

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.

See Section 2 for Potential Health Effects.

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**
- If burned, the materials could release toxic fumes and smoke. Incomplete thermal oxidation can produce hydrogen cyanide, carbon monoxide, carbon dioxide, ammonia, formaldehyde and other low molecular weight hydrocarbons and oxides or sulfur, nitrogen, calcium and magnesium.

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

- Do not touch damaged packages or spilled material.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

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 separately 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 flame, heat or other sources of ignition.

Special Packaging Materials

- No data available.

Incompatible Materials or Ignition Sources

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

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection**8.1 Control parameters**

| Exposure Limits/Guidelines | | | | | | |
|----------------------------|----------|---|--|---|---|---|
| | Result | ACGIH | Canada British Columbia | Canada Manitoba | Canada New Brunswick | Canada Northwest Territories |
| Formaldehyde (50-00-0) | Ceilings | 0.3 ppm Ceiling | 1 ppm Ceiling | 0.3 ppm Ceiling | Not established | 2 ppm Ceiling; 2.4 mg/m ³ Ceiling |
| | TWAs | Not established | 0.3 ppm TWA | Not established | 0.5 ppm TWA | Not established |
| | STELs | Not established | Not established | Not established | 1.5 ppm STEL | Not established |
| Talc (14807-96-6) | TWAs | 2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction) | 2 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate) | 2 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) | 2 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) | 3 mg/m ³ TWA (respirable mass); 6 mg/m ³ TWA (total mass) |
| | STELs | Not established | 20 mg/m ³ STEL | Not established | Not established | Not established |

| | | | | | | |
|-----------------------|-------|--|--|--|---|---|
| Limestone (1317-65-3) | 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) |
| Quartz (14808-60-7) | TWAs | 0.025 mg/m3 TWA (respirable fraction) | 0.025 mg/m3 TWA (respirable) | 0.025 mg/m3 TWA (respirable fraction) | 0.1 mg/m3 TWA (respirable fraction) | 0.1 mg/m3 TWA (respirable mass); 0.3 mg/m3 TWA (total mass) |
| Asphalt (8052-42-4) | TWAs | 0.5 mg/m3 TWA (fume, inhalable fraction, as benzene soluble aerosol) | 0.5 mg/m3 TWA (inhalable fume, 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) |

Exposure Limits/Guidelines (Con't.)

| | Result | Canada Nova Scotia | Canada Nunavut | Canada Ontario | Canada Quebec | Canada Yukon |
|------------------------|----------|---|---|---|---|---|
| Formaldehyde (50-00-0) | Ceilings | 0.3 ppm Ceiling | 2 ppm Ceiling; 2.4 mg/m3 Ceiling | 1.5 ppm Ceiling | 2 ppm Ceiling; 3 mg/m3 Ceiling | 2 ppm Ceiling; 3 mg/m3 Ceiling |
| | STELs | Not established | Not established | 1.0 ppm STEL | Not established | Not established |
| Talc (14807-96-6) | TWAs | 2 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) | 3 mg/m3 TWA (respirable mass); 6 mg/m3 TWA (total mass) | 2 mg/m3 TWA (containing no Asbestos and <1% Crystalline silica, respirable) | 3 mg/m3 TWAEV (respirable dust) | 20 mppcf TWA |
| Limestone (1317-65-3) | TWAs | Not established | 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) | 30 mppcf TWA; 10 mg/m3 TWA |
| | STELs | Not established | Not established | Not established | Not established | 20 mg/m3 STEL |
| Quartz (14808-60-7) | 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) |
| 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 | 10 mg/m3 STEL (Petroleum fumes) | Not established | Not established | 10 mg/m3 STEL (fume) |

Exposure Limits/Guidelines (Con't.)

| | Result | NIOSH | OSHA | United States - California |
|------------------------|----------|--|-----------------------------------|--|
| Formaldehyde (50-00-0) | STELs | Not established | 2 ppm STEL (see 29 CFR 1910.1048) | 2 ppm STEL |
| | TWAs | 0.016 ppm TWA | 0.75 ppm TWA | 0.75 ppm PEL |
| | Ceilings | 0.1 ppm Ceiling (15 min) | Not established | Not established |
| Talc (14807-96-6) | TWAs | 2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust) | Not established | 2 mg/m3 PEL (respirable dust, containing no Asbestos fibers, <1% Crystalline silica) |

| | | | | |
|--------------------------|----------|--|--|---|
| Limestone (1317-65-3) | TWAs | 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) | 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) | Not established |
| Quartz (14808-60-7) | TWAs | 0.05 mg/m3 TWA (respirable dust) | Not established | 0.3 mg/m3 PEL (total dust); 0.1 mg/m3 PEL (respirable dust) |
| Asphalt (8052-42-4) | TWAs | Not established | Not established | 5 mg/m3 PEL (fume) |
| | Ceilings | 5 mg/m3 Ceiling (fume, 15 min) | Not established | Not established |

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)
- Talc (14807-96-6): **Mineral Dusts:** (20 mppcf TWA (if 1% Quartz or more, use Quartz limit))

8.2 Exposure controls

Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Respiratory

- Respiratory protection is not normally required. Use a NIOSH approved/certified respiratory 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

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEL = Short Term Exposure Limits are based on 15-minute exposures.

NIOSH = National Institute of Occupational Safety and Health

TWAEV = Time-Weighted Average Exposure Value

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

| Material Description | | | |
|-----------------------------------|--------------|------------------------------|---|
| Physical Form | Solid | Appearance/Description | Black mat with sand, ceramic and/or plastic film covered surface and an asphalt odor. |
| Color | Black | Odor | Asphalt odor. |
| Odor Threshold | Data lacking | | |
| General Properties | | | |
| Boiling Point | Data lacking | Melting Point/Freezing Point | Data lacking |
| Decomposition Temperature | Data lacking | pH | Data lacking |
| Specific Gravity/Relative Density | Data lacking | Water Solubility | Insoluble |
| Viscosity | Data lacking | Explosive Properties | Data lacking |
| Oxidizing Properties: | Data lacking | | |

Volatility

| | | | |
|------------------|--------------|---------------|--------------|
| Vapor Pressure | Data lacking | Vapor Density | Data lacking |
| Evaporation Rate | Data lacking | | |

Flammability

| | | | |
|---------------------------|----------------|--------------|--------------|
| Flash Point | Not relevant | UEL | Not relevant |
| LEL | Not relevant | Autoignition | Not relevant |
| Flammability (solid, gas) | Not flammable. | | |

Environmental

| | | | |
|-------------------------------------|--------------|--|--|
| Octanol/Water Partition coefficient | Data lacking | | |
|-------------------------------------|--------------|--|--|

9.2 Other Information

- No additional physical and chemical parameters noted.

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, reducing agents, strong acids and alkalis.

10.6 Hazardous decomposition products

- Burning will produce smoke, carbon monoxide, and carbon dioxide.

Section 11 - Toxicological Information**11.1 Information on toxicological effects**

| Components | | |
|-----------------------|------------|--|
| Limestone (0% TO 35%) | 1317-65-3 | Multi-dose Toxicity: Inhalation-Rat TCLO • 250 mg/m ³ 2 Hour(s) 24 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i> Fibrosis, focal (pneumoconiosis) |
| Asphalt (40% TO 85%) | 8052-42-4 | Acute Toxicity: Ingestion/Oral-Rat LD50 • >5000 mg/kg; <i>Gastrointestinal:</i> Hypermotility, diarrhea ; Inhalation-Rat LC50 • >94.4 mg/m ³ ; Mutagen: DNA adduct • Skin-Mouse • 600 mg/kg; Tumorigen / Carcinogen: Skin-Mouse TDLo • 130 g/kg 81 Week(s)-Intermittent; <i>Tumorigenic:</i> Carcinogenic by RTECS criteria ; <i>Lungs, Thorax, or Respiration:</i> Tumors ; <i>Skin and Appendages:</i> Other:Tumors |
| Quartz (< 10%) | 14808-60-7 | Acute Toxicity: Inhalation-Rat TCLO • 200 mg/kg; <i>Lungs, Thorax, or Respiration:</i> Fibrosis, focal (pneumoconiosis) ; <i>Lungs, Thorax, or Respiration:</i> Other changes ; <i>Nutritional and Gross Metabolic:</i> Changes in Chemistry or Temperature:Fe ; Tumorigen / Carcinogen: Inhalation-Rat TCLO • 50 mg/m ³ 6 Hour(s) 71 Week(s)-Intermittent; <i>Tumorigenic:</i> Carcinogenic by RTECS criteria ; <i>Liver:</i> Tumors |

| | | |
|--|------------|---|
| Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) (0% TO 10%) | 64742-52-5 | Irritation: Skin-Rabbit • 500 mg • Severe irritation |
| Talc (0% TO 1%) | 14807-96-6 | Irritation: Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; Tumorigen / Carcinogen: Inhalation-Rat • 11 mg/m ³ 1 Year(s)-Intermittent; Tumorigenic: Equivocal tumorigenic agent by RTECS criteria; Lungs, Thorax, or Respiration: Tumors |

| GHS Properties | Classification |
|--------------------------------------|---|
| Acute toxicity | EU/CLP • Acute Toxicity - Oral - Classification criteria not met OSHA HCS 2012 • Acute Toxicity - Oral - Classification criteria not met |
| Skin corrosion/Irritation | 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 |
| Skin sensitization | 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 |
| 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 |
| Toxicity for Reproduction | EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met |
| STOT-SE | EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met |
| STOT-RE | EU/CLP • Specific Target Organ Toxicity Repeated Exposure 1 OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1 |

Medical Conditions Aggravated by Exposure Potential Health Effects Inhalation

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

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 | | | | |
|-----------------------------|------------|-----------------------------------|------------------------------|------------------------|
| | CAS | OSHA | IARC | NTP |
| Formaldehyde | 50-00-0 | Specifically Regulated Carcinogen | Group 1-Carcinogenic | Known Human Carcinogen |
| Quartz | 14808-60-7 | Not Listed | Group 1-Carcinogenic | Known Human Carcinogen |
| Asphalt | 8052-42-4 | Not Listed | Group 2B-Possible Carcinogen | Not Listed |

Key to abbreviations

- LC = Lethal Concentration
 LD = Lethal Dose
 SEV = Severe
 TC = Toxic Concentration

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 PBT and vPvB assessment has been conducted.

12.6 Other adverse effects**Ecological Fate**

- 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

| | 14.1 UN number | 14.2 UN proper shipping name | 14.3 Transport hazard class(es) | 14.4 Packing group | 14.5 Environmental hazards |
|-----------|----------------|------------------------------|---------------------------------|--------------------|----------------------------|
| DOT | NDA | Not Regulated | NDA | NDA | NDA |
| TDG | NDA | Not Regulated | NDA | NDA | NDA |
| IMO/IMDG | NDA | Not Regulated | NDA | NDA | NDA |
| ADN | NDA | Not Regulated | NDA | NDA | NDA |
| ADR/RID | NDA | Not Regulated | NDA | NDA | NDA |
| IATA/ICAO | NDA | Not Regulated | NDA | NDA | NDA |

14.6 Special precautions for user

- None known.

14.7 Transport in bulk according to Annex II of Marpol 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 • Chronic

| State Right To Know | | | | | |
|--|------------|-----|-----|-----|-----|
| Component | CAS | MA | MN | NJ | PA |
| Asphalt | 8052-42-4 | Yes | Yes | Yes | Yes |
| Formaldehyde | 50-00-0 | Yes | Yes | Yes | Yes |
| Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | No | No | No | No |
| Limestone | 1317-65-3 | Yes | Yes | Yes | Yes |
| Quartz | 14808-60-7 | Yes | Yes | Yes | Yes |
| Talc | 14807-96-6 | Yes | Yes | Yes | Yes |

| Inventory | | | | | | |
|---|------------|------------|-------------|-------|-----------|-----------|
| Component | CAS | Canada DSL | Canada NDSL | China | EU EINECS | EU ELNICS |
| Asphalt | 8052-42-4 | Yes | No | Yes | Yes | No |
| Formaldehyde | 50-00-0 | Yes | No | Yes | Yes | No |
| Hydrotreated heavy naphthenic distillates | 64742-52-5 | Yes | No | Yes | Yes | No |

| | | | | | | |
|------------------------------|------------|-----|-----|-----|-----|----|
| (petroleum) (Highly Refined) | | | | | | |
| Limestone | 1317-65-3 | No | Yes | Yes | Yes | No |
| Quartz | 14808-60-7 | Yes | No | Yes | Yes | No |
| Talc | 14807-96-6 | Yes | No | Yes | Yes | No |

| Inventory (Con't.) | | |
|--|------------|------|
| Component | CAS | TSCA |
| Asphalt | 8052-42-4 | Yes |
| Formaldehyde | 50-00-0 | Yes |
| Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Yes |
| Limestone | 1317-65-3 | Yes |
| Quartz | 14808-60-7 | Yes |
| Talc | 14807-96-6 | Yes |

Australia

Labor

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

| | | |
|---|------------|---|
| • Formaldehyde | 50-00-0 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Demographic, medical and occupational history; Records of personal exposure; Standardised respiratory questionnaire to be completed; Standardised respiratory function test, for example, FEV1, FVC and FEV1/FVC; Chest X-ray full size PA view |

Australia - High Volume Industrial Chemicals List

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | |
| • Asphalt | 8052-42-4 | |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | |

Australia - List of Designated Hazardous Substances - Classification

| | | |
|---|------------|---|
| • Formaldehyde | 50-00-0 | T, C Carc.Cat.3 R40, R23/24/25, R34, R43 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Carc.Cat.2 R45 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Self classification required (containing no asbestos) |

| | | |
|-------------|------------|--|
| | | fibres) |
| • Asphalt | 8052-42-4 | Self classification required (petroleum fumes) |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Self classification required |

Environment

Australia - National Pollutant Inventory (NPI) Substance List

| | | |
|---|------------|----------------------------------|
| • Formaldehyde | 50-00-0 | 10 tonne/yr Threshold category 1 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

Australia - Ozone Protection Act - Scheduled Substances

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

Australia - Priority Existing Chemical Program

| | | |
|---|------------|--|
| • Formaldehyde | 50-00-0 | Full assessment - report published December 2006 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

Canada

Labor

Canada - WHMIS - Classifications of Substances

| | | |
|---|------------|--|
| • Formaldehyde | 50-00-0 | A, B1, D1A, D2A, D2B; B3, D1A, D2A, D2B, E (regulated under Formol) |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | D2A |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | D2A |
| | | D2A (In certain cases, this classification does not apply. For more information, consult |

| | | |
|----------|------------|---|
| • Quartz | 14808-60-7 | the section Substance Specific Issues - Silica, crystalline, encapsulated on Health Canada's WHMIS Division website.) |
|----------|------------|---|

Canada - WHMIS - Ingredient Disclosure List

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | 0.1 % |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | 1 % |

Environment**Canada - CEPA - Priority Substances List**

| | | |
|---|------------|--|
| • Formaldehyde | 50-00-0 | Priority Substance List 2 (substance considered toxic) |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

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

| | | |
|---|------------|---|
| • Formaldehyde | 50-00-0 | T; R23/24/25 C; R34 Carc.Cat.3; R40 R43 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Carc.Cat.2; R45 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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

| | | |
|---|------------|---|
| • Formaldehyde | 50-00-0 | 0.2%<=C: R:43 25%<=C: T; R:23/24/25 5%<=C<25%: Xn; R:20/21/22 25%<=C: C; R:34 5%<=C<25%: Xi; R:36/37/38 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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

| | | |
|---|------------|---|
| • Formaldehyde | 50-00-0 | T R:23/24/25-34-40-43 S:(1/2) -26-36/37/39-45-51 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | T R:45 S:53-45 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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 - Notes - Substances and Preparations

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | B, D |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | L |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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 - Safety Phrases

| | | |
|---|------------|---------------------------|
| • Formaldehyde | 50-00-0 | S:(1/2)-26-36/37/39-45-51 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | S:53-45 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

Mexico**Other****Mexico - Hazard Classifications**

| | | |
|---|------------|--|
| • Formaldehyde | 50-00-0 | Hazard Class = 3 (8) PG = III UN1198; Hazard Class = 8 PG = III (with not <25% formaldehyde) UN2209 |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

Mexico - Regulated Substances

| | | |
|---|------------|--|
| • Formaldehyde | 50-00-0 | UN1198; UN2209 (with not <25% formaldehyde) |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | 1000 lb TQ |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

U.S. - OSHA - Specifically Regulated Chemicals

| | | |
|---|------------|---|
| • Formaldehyde | 50-00-0 | 2 ppm STEL (Irritant and potential cancer hazard, See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level; 0.75 ppm TWA |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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

| | | |
|---|------------|-----------------------------------|
| • Formaldehyde | 50-00-0 | 100 lb final RQ; 45.4 kg final RQ |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • 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

| | | |
|---|------------|-----------------|
| • Formaldehyde | 50-00-0 | 100 lb EPCRA RQ |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |

| | | |
|-------------|------------|------------|
| • 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

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | 500 lb TPQ |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

| | | |
|---|------------|--------------------------------|
| • Formaldehyde | 50-00-0 | 0.1 % de minimis concentration |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

U.S. - CWA (Clean Water Act) - Hazardous Substances

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

U.S. - CWA (Clean Water Act) - Priority Pollutants

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

| | | |
|---|------------|--|
| • Formaldehyde | 50-00-0 | carcinogen, initial date 1/1/88 (gas) |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | carcinogen, initial date 10/1/88 (airborne particles of respirable size) |

United States - New Jersey

Environment

U.S. - New Jersey - Special Health Hazards Substances List

| | | |
|---|------------|---|
| • Formaldehyde | 50-00-0 | carcinogen; corrosive; flammable - fourth degree; mutagen |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | carcinogen |
| • Asphalt | 8052-42-4 | flammable - third degree |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | carcinogen |

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

| | | |
|---|------------|------------|
| • Formaldehyde | 50-00-0 | |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Not Listed |
| • Asphalt | 8052-42-4 | Not Listed |
| • Limestone | 1317-65-3 | Not Listed |
| • Quartz | 14808-60-7 | Not Listed |

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

| | | |
|---|------------|------------------------------|
| • Formaldehyde | 50-00-0 | Toxic; Flammable; Carcinogen |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) | 64742-52-5 | Not Listed |
| • Hydrotreated heavy naphthenic distillates (petroleum) (Highly Refined) as Oil mist, mineral, sum total of 15 polynuclear aromatic hydrocarbons (PAHs) | | Not Listed |
| • Talc | 14807-96-6 | Toxic (powder or fibrous) |
| • Asphalt | 8052-42-4 | Toxic; Flammable |
| • Limestone | 1317-65-3 | Toxic |
| • Quartz | 14808-60-7 | Toxic (dust and fiber) |

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

| | |
|--|---|
| Revision Date | • 26/January/2018 |
| Preparation Date | • 19/February/2014 |
| Other Information | • Changes to this revision: Updated mailing address. |
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Key to abbreviations

NDA = No Data Available