

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 Polyester FR Series: SBS FR, SBS FR Torch, SBS Premium FR, SBS Premium FR Torch**

Product Description

- Black mat with sand and/or ceramic and/or thin plastic film covered surface and an asphalt odor.

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

Manufacturer

- (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to EU Directive 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.
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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 - H372

2.2 Label elements

OSHA HCS 2012

DANGER



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

Precautionary statements

- Prevention** ● Do not breathe dust, fume, gas, mist, vapours and/or spray. - P260
Wash thoroughly after handling. - P264
Do not eat, drink or smoke when using this product. - P270
- Response** ● Get medical advice/attention if you feel unwell. - P314
- Storage/Disposal** ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

2.3 Other hazards

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

According to WHMIS

2.1 Classification of the substance or mixture

- WHMIS** ● Other Toxic Effects - D2B

2.2 Label elements

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	50% TO 60%	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	NDA
Colemanite	CAS:1318-33-8	20% TO 30%	NDA	EU DSD/DPD: Data Lacking EU CLP: Data Lacking OSHA HCS 2012: Data Lacking	NDA
Limestone	CAS:1317-65-3 EC Number:215-279-6	5% TO 10%	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
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	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 ● 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 ● No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

Emergency Procedures ● No emergency procedures are expected to be necessary if material is used under ordinary conditions as as recommended.

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 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
Limestone (1317-65-3)	STELs	Not established	20 mg/m ³ STEL	Not established	Not established	Not established
	TWAs	Not established	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction)	Not established	10 mg/m ³ TWA (particulate matter containing no Asbestos and <1% Crystalline silica)	5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass)
Quartz (14808-60-7)	TWAs	0.025 mg/m ³ TWA (respirable fraction)	0.025 mg/m ³ TWA (respirable)	0.025 mg/m ³ TWA (respirable fraction)	0.1 mg/m ³ TWA (respirable fraction)	0.1 mg/m ³ TWA (respirable mass); 0.3 mg/m ³ TWA (total mass)
Asphalt (8052-42-4)	TWAs	0.5 mg/m ³ TWA (fume, inhalable fraction, as benzene soluble aerosol)	0.5 mg/m ³ TWA (inhalable fume, as Benzene-soluble aerosol)	0.5 mg/m ³ TWA (fume, inhalable fraction, as Benzene soluble aerosol)	5 mg/m ³ TWA (petroleum fumes)	5 mg/m ³ TWA (Petroleum fumes)
	STELs	Not established	Not established	Not established	Not established	10 mg/m ³ STEL (Petroleum fumes)
Exposure Limits/Guidelines (Con't.)						
	Result	Canada Nova Scotia	Canada Nunavut	Canada Ontario	Canada Quebec	Canada Yukon
Limestone (1317-65-3)	TWAs	Not established	5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass)	Not established	10 mg/m ³ TWAEV (Limestone, containing no Asbestos and <1% Crystalline silica, total dust)	30 mppcf TWA; 10 mg/m ³ TWA
	STELs	Not established	Not established	Not established	Not established	20 mg/m ³ STEL
Quartz (14808-60-7)	TWAs	0.025 mg/m ³ TWA (respirable fraction)	0.1 mg/m ³ TWA (respirable mass); 0.3 mg/m ³ TWA (total mass)	0.10 mg/m ³ TWA (designated substance regulation, respirable)	0.1 mg/m ³ TWAEV (respirable dust)	300 particle/mL TWA (listed under Silica)
Asphalt (8052-42-4)	TWAs	0.5 mg/m ³ TWA (fume, inhalable fraction, as Benzene soluble aerosol)	5 mg/m ³ TWA (Petroleum fumes)	0.5 mg/m ³ TWA (fume, inhalable, as Benzene-soluble aerosol)	5 mg/m ³ TWAEV (fume)	5 mg/m ³ 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	China	NIOSH	OSHA		
Limestone (1317-65-3)	STELs	16 mg/m3 STEL (total dust); 8 mg/m3 STEL (respirable dust)	Not established	Not established		
	TWAs	8 mg/m3 TWA (total dust); 4 mg/m3 TWA (respirable dust)	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)		
Quartz (14808-60-7)	STELs	2 mg/m3 STEL (10%-50% free SiO2, total dust); 1.4 mg/m3 STEL (50%-80% free SiO2, total dust); 1 mg/m3 STEL (containing >80% free SiO2, total dust); 1.4 mg/m3 STEL (10%-50% free SiO2, respirable dust); 0.6 mg/m3 STEL (50%-80% free SiO2, respirable dust); 0.4 mg/m3 STEL (containing >80% free SiO2, respirable dust)	Not established	Not established		
	TWAs	0.7 mg/m3 TWA (containing 50-80% free SiO2, total dust); 0.3 mg/m3 TWA (containing 50-80% free SiO2, respirable dust); 1 mg/m3 TWA (containing 10-50% free SiO2, total dust); 0.7 mg/m3 TWA (containing 10-50% free SiO2, respirable dust); 0.5 mg/m3 TWA (containing >80% free SiO2, total dust); 0.2 mg/m3 TWA (containing >80% free SiO2, respirable dust)	0.05 mg/m3 TWA (respirable dust)	Not established		
Asphalt (8052-42-4)	STELs	12.5 mg/m3 STEL (fume, as Benzene soluble matter)	Not established	Not established		
	TWAs	5 mg/m3 TWA (fume, as Benzene soluble matter)	Not established	Not established		
	Ceilings	Not established	5 mg/m3 Ceiling (fume, 15 min)	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)

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

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

OSHA = Occupational Safety and Health Administration

TWAEV = Time-Weighted Average Exposure Value

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

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Black mat with sand and/ or ceramic covered surface and an asphalt odor.
Color	Black	Odor	Asphalt odor.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting 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	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
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

- Strong oxidizing agents.

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

Component Name	CAS	Data
Asphalt (50% TO 60%)	8052-42-4	Acute Toxicity: orl-rat LD50:>5000 mg/kg; ihl-rat LC50:>94.4 mg/m3; Mutagen: dna-mus-skn 600 mg/kg
Quartz (< 10%)	14808-60-7	Tumorigen/Carcinogen: ihl-rat TCLo:50 mg/m3/6H/71W-I

GHS Properties	Classification
Acute toxicity	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
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 1 OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1
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 Potential Health Effects Inhalation

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

**Acute (Immediate)
Chronic (Delayed)**

- Temporary irritation of nose and throat may occur.
- 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)
Chronic (Delayed)**

- Mechanical irritation of the skin/skin abrasion may occur characterized by itching or redness.
- No data available

Eye

**Acute (Immediate)
Chronic (Delayed)**

- Mechanical irritation of the eye may occur characterized by itching or redness.
- No data available.

Ingestion

**Acute (Immediate)
Chronic (Delayed)**

- Ingestion of this product unlikely.
- 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	IARC	NTP
Quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen
Asphalt	8052-42-4	Group 2B-Possible Carcinogen	Not Listed

Key to abbreviations

LC = Lethal Concentration
LD = Lethal Dose
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 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

- Chronic

State Right To Know					
Component	CAS	MA	MN	NJ	PA
Limestone	1317-65-3	Yes	Yes	Yes	Yes
Asphalt	8052-42-4	Yes	Yes	Yes	Yes
Quartz	14808-60-7	Yes	Yes	Yes	Yes
Colemanite	1318-33-8	No	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Limestone	1317-65-3	No	Yes	Yes	Yes	No
Asphalt	8052-42-4	Yes	No	Yes	Yes	No
Quartz	14808-60-7	Yes	No	Yes	Yes	No
Colemanite	1318-33-8	No	No	No	No	No

Inventory (Con't.)		
Component	CAS	TSCA
Limestone	1317-65-3	Yes
Asphalt	8052-42-4	Yes
Quartz	14808-60-7	Yes
Colemanite	1318-33-8	No

Australia

Labor

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

- 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
- Colemanite 1318-33-8 Not Listed

Australia - High Volume Industrial Chemicals List

- Asphalt 8052-42-4
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7
- Colemanite 1318-33-8 Not Listed

Australia - List of Designated Hazardous Substances - Classification

- Asphalt 8052-42-4 Self classification required (petroleum fumes)
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Self classification required
- Colemanite 1318-33-8 Not Listed

Environment

Australia - National Pollutant Inventory (NPI) Substance List

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

Australia - Ozone Protection Act - Scheduled Substances

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

Australia - Priority Existing Chemical Program

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 D2A
- Quartz 14808-60-7 D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Silica, crystalline, encapsulated on Health Canada's WHMIS Division website.)
- Colemanite 1318-33-8 Not Listed

Canada - WHMIS - Ingredient Disclosure List

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 1 %
- Colemanite 1318-33-8 Not Listed

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
- Colemanite 1318-33-8 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
- Colemanite 1318-33-8 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
- Colemanite 1318-33-8 Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

Mexico - Regulated Substances

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

United States**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
- Colemanite 1318-33-8 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
- Colemanite 1318-33-8 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
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

United States - California

Environment

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

- 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)
- Colemanite 1318-33-8 Not Listed

United States - New Jersey

Environment

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

- Asphalt 8052-42-4 flammable - third degree
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 carcinogen
- Colemanite 1318-33-8 Not Listed

United States - Pennsylvania

Labor

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

- Asphalt 8052-42-4 Not Listed
- Limestone 1317-65-3 Not Listed
- Quartz 14808-60-7 Not Listed
- Colemanite 1318-33-8 Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

- Asphalt 8052-42-4 Toxic; Flammable
- Limestone 1317-65-3 Toxic

- Quartz 14808-60-7 Toxic (dust and fiber)
- Colemanite 1318-33-8 Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date

- 03/October/2013

Preparation Date

- 03/January/2012

Disclaimer/Statement of Liability

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Key to abbreviations

NDA = No Data Available
