

SECTION 1: Identification

1.1. Identification

Product form	: Mixture
Product name	: SBS Modified Bitumen Waterproofing Membrane
Synonyms	: ANTIROCK, BITUTAK SA BASE, COLPHENE 180 FR GR, COLPHENE 180 PS, COLPHENE 180 SANDED, COLPHENE 180 SP, COLPHENE 250 FR GR, COLPHENE FLAM 180, COLPHENE FLAM 180 FR GR, COLPHENE FLAM 250 FR GR, COLPHENE SANDED, COLPHENE SP 2.2, COLPHENE SP 3.0, COLPHENE STICK, COLPHENE STICK GR, COLVENT 180 TG, COLVENT FLAM 180 TG, COLVENT FLAM TG, COLVENT TG, ELASTOPHENE FLAM, ELASTOPHENE FLAM 2.2, ELASTOPHENE FLAM FR GR, ELASTOPHENE FLAM FR+ GR, ELASTOPHENE FLAM HR 3.0, ELASTOPHENE FLAM HS, ELASTOPHENE FLAM HS FR GR, ELASTOPHENE FLAM LS FR GR, ELASTOPHENE FLAM STICK, ELASTOPHENE FR GR, ELASTOPHENE FR+ GR, ELASTOPHENE HR FR GR, ELASTOPHENE HR SANDED 2.2, ELASTOPHENE HR SANDED 3.0, ELASTOPHENE HS FR GR, ELASTOPHENE HS SANDED, ELASTOPHENE LS FR GR, ELASTOPHENE PS 2.2, ELASTOPHENE PS 3.0, ELASTOPHENE SANDED 2.2, ELASTOPHENE SANDED 3.0, ELASTOPHENE SP 2.2, ELASTOPHENE SP 3.0, ELASTOPHENE STICK, ELASTOPHENE ULTRA-STICK, ELASTOPHENE ULTRA-STICK FR GR, LASTOBOND ECO, LASTOBOND SHIELD HT, Modified SOPRA G, SOPRA 4897, SOPRA IV, SOPRABASE S, SOPRABASE TG, SOPRAPHIX BASE 611, SOPRAPHIX BASE 612, SOPRAPHIX BASE 613, SOPRAPHIX BASE 614, SOPRAPHIX BASE 622, SOPRAJOINT, SOPRALAST 50 TV ALU, SOPRALAST 50 TV ALU SANDED, SOPRALENE 180 FR GR, SOPRALENE 180 FR+ GR, SOPRALENE 180 PS 2.2, SOPRALENE 180 PS 3.0, SOPRALENE 180 SANDED, SOPRALENE 180 SANDED 2.2, SOPRALENE 180 SP 3.0, SOPRALENE 180 SP 3.0 CUT 13", SOPRALENE 180 SP 3.5, SOPRALENE 250 FR GR, SOPRALENE 250 FR+ GR, SOPRALENE 250 SANDED, SOPRALENE 250 SP 4.0, SOPRALENE FLAM 180, SOPRALENE FLAM 180 CUT 13", SOPRALENE FLAM 180 FR GR, SOPRALENE FLAM 180 FR+ GR, SOPRALENE FLAM 250, SOPRALENE FLAM 250 FR GR, SOPRALENE FLAM 250 FR+ GR, SOPRALENE FLAM STICK, SOPRALENE STICK, SOPRALENE STICK CUT 13", SOPRALENE ULTRA-STICK, SOPRALENE ULTRA-STICK FR GR, SOPRAVAP ^r , SOPRAVI, SOPRAWALK GR, ULTRA-STICK NAIL BASE, UNILAY

1.2. Recommended use and restrictions on use

Use of the substance/mixture	: Membranes used for all types of roofing needs, air barrier and waterproofing protection
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1.3. Supplier

Manufacturer:
SOPREMA INC.
310 Quadral Dr.
Wadsworth, OH 44281
Tel: 1-800-356-3521

Distributors:
SOPREMA Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
Tel: 1-819-478-8163

SOPREMA Canada
44955 Yale Road West
Chilliwack (BC) V2R 4H3
CANADA
Tel: 1-604-793-7100

SOPREMA USA
12251 Seaway Road
Gulfport (Mississippi) 39507
UNITED STATES
Tel: 1-228-701-1900

1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-434-9300 (Acct.# CCN20515). CANUTEC 1-613-996-6666

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

According to the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	GHS US classification
Asphalt	CAS-No.: 8052-42-4	30 – 70	Carc. 1B, H350
Calcium carbonate	CAS-No.: 471-34-1	0 – 60	Not classified
distillates (petroleum), hydrotreated heavy naphthenic	CAS-No.: 64742-52-5	0 – 30	Carc. 1B, H350
Quartz	CAS-No.: 14808-60-7	7 – 13	Carc. 1A, H350

A portion of crystalline silica can be present in the sand or granules spread on top of some membranes. The crystalline silica contained in the sand or granules is not likely to be found in ambient air in concentrations above the limits of exposure since the product adheres to the surface of the membrane.

Full text of hazard classes and H-statements : see section 16SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

Asphalt (8052-42-4)

USA - ACGIH - Occupational Exposure Limits

Local name	Asphalt (Bitumen) fumes, as benzene-soluble aerosol
ACGIH OEL TWA	0.5 mg/m ³ (Inhalable fraction)
Remark (ACGIH)	TLV® Basis: URT & eye irr. Notations: A4 (Not classifiable as a Human Carcinogen); BEIP
Regulatory reference	ACGIH 2021

distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)

No additional information available

Calcium carbonate (471-34-1)

No additional information available

Quartz (14808-60-7)

USA - ACGIH - Occupational Exposure Limits

Local name	Silica crystalline - quartz
ACGIH OEL TWA	0.025 R
Remark (ACGIH)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)
Regulatory reference	ACGIH 2021

USA - OSHA - Occupational Exposure Limits

Local name	Silica, crystalline quartz, respirable dust
Remark (OSHA)	(3) See Table Z-3.

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Quartz (14808-60-7)

Regulatory reference (US-OSHA)

OSHA Annotated Table Z-3 Mineral Dusts

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Various
Odour	: Asphalt
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Specific Gravity	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive limits	: Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available

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9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Asphalt (8052-42-4)	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 Inhalation - Rat	> 0.0944 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Calcium carbonate (471-34-1)	
LD50 oral rat	> 2000 mg/kg (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value)
LC50 Inhalation - Rat	> 3 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Asphalt (8052-42-4)	
IARC group	2B - Possibly carcinogenic to humans

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Quartz (14808-60-7)	
IARC group	1 - Carcinogenic to humans
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Asphalt (8052-42-4)	
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	0.0207 mg/l air Animal: rat, Guideline: other:OECD 451
Aspiration hazard	: Not classified
Viscosity, kinematic	: Not applicable

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Calcium carbonate (471-34-1)	
LC50 - Fish [1]	> 100 % (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value)
EC50 - Crustacea [1]	> 100 % (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)

12.2. Persistence and degradability

Asphalt (8052-42-4)	
Persistence and degradability	Not readily biodegradable in water. Not established.

distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
Persistence and degradability	Not established.

Calcium carbonate (471-34-1)	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil. Not established.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

Quartz (14808-60-7)	
Persistence and degradability	Biodegradability: not applicable. Not established.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

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12.3. Bioaccumulative potential

Asphalt (8052-42-4)

Partition coefficient n-octanol/water (Log Pow)	> 6 (Calculated)
Bioaccumulative potential	Not bioaccumulative. Not established.

distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)

Bioaccumulative potential	Not established.
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Calcium carbonate (471-34-1)

Partition coefficient n-octanol/water (Log Pow)	-2.12 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Quartz (14808-60-7)

Partition coefficient n-octanol/water (Log Pow)	Not applicable
Bioaccumulative potential	No bioaccumulation data available. Not established.

12.4. Mobility in soil

Calcium carbonate (471-34-1)

Ecology - soil	Adsorbs into the soil.
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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

14.3. Transport hazard class(es)

DOT
Transport hazard class(es) (DOT) : Not applicable

14.4. Packing group

Packing group (DOT) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

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14.6. Special precautions for user

DOT

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Asphalt	CAS-No. 8052-42-4	30 – 70%
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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Asphalt (8052-42-4)

Listed on the Canadian DSL (Domestic Substances List)

Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Asphalt (8052-42-4)

Listed on IARC (International Agency for Research on Cancer)

Quartz (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Asphalt(8052-42-4)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Quartz(14808-60-7)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List

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SECTION 16: Other information

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Revision date : 05/25/2021

Full text of H-statements

H350	May cause cancer.
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Safety Data Sheet (SDS), USA

This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada).

The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.