



SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version 2.7 Issued 5/7/2026 Supersedes version 2.6 (issued 11/17/2025)

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : SBS Modified Bitumen Waterproofing Membrane
Synonyms : ANTIROCK, 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 180 FR GR, 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 2.2, ELASTOPHENE HR 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, LASTOBOND REINFORCED HT, LASTOBOND REINFORCED HT FR, LASTOBOND PRO TU HT, Modified SOPRA G, SOPRA 4897, SOPRA IV, SOPRABASE S, SOPRABASE TG, SOPRAFIX BASE 611, SOPRAFIX BASE 612, SOPRAFIX BASE 613, SOPRAFIX BASE 614, SOPRAFIX 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 3.5, SOPRALENE 250 FR GR, SOPRALENE 250 FR+ GR, SOPRALENE 250 SANDED, SOPRALENE 250 SP 4.0, SOPRALENE FLAM 180, 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 ULTRA-STICK, SOPRALENE ULTRA-STICK FR GR, SOPRAVAP'R, SOPRA VI SOPRAWALK GR, ULTRA-STICK NAIL BASE, UNILAY, SOPRASOLIN HD, SOPRALAP FLAM, SOPRALAP SANDED, SOPRALAP SP, SOPRALAP STICK, INSONO AF3, ELASTOPHENE WCB FLAM, SBS GLASS STICK, SBS POLY FLAM, SBS POLY FLAM GR, SBS POLY GR, SBS POLY SANDED, ELASTOPHENE STICK HR FR GR, ELASTOPHENE FLAM HS FR GR, ELASTOPHENE STICK FR GR, ELASTOPHENE STICK HR FR+ GR, SOPRALENE 250 FR GR HC, SOPRALENE FLAM 180 GR

1.2. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Membranes used for roofing, waterproofing and vapor barriers in building construction.

1.3. Supplier's details

Supplier

SOPREMA Inc.
310 Quadral Dr
Wadsworth, OH, 44281
United States
T 1-800-356-3521

Distributor

SOPREMA Canada
44955 Yale Road West
Chilliwack, British Columbia V2R 4H3
Canada
T 1-604-793-7100

Distributor

SOPREMA Canada
1675 Haggerty Street
Drummondville , Quebec J2C 5P7
Canada
T 1-819-478-8163

Distributor

SOPREMA USA
12251 Seaway Road
Gulfport, Mississippi 39507
USA
T 1-228-701-1900

1.4. Emergency phone number

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

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified as hazardous according to OSHA HazCom Standard of 2012 (29CFR 1910.1200) with 2024 update and GHS 7.

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version 2.7 Issued 5/7/2026 Supersedes version 2.6 (issued 11/17/2025)

2.2. Label elements

GHS US labeling

No GHS labeling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Asphalt	CAS-No.: 8052-42-4	30 – 70
Calcium carbonate	CAS-No.: 471-34-1	0 – 60
distillates (petroleum), hydrotreated heavy naphthenic	CAS-No.: 64742-52-5	0 – 30
Silica, crystalline (quartz)	CAS-No.: 14808-60-7	7 – 13
talc	CAS-No.: 14807-96-6	7 – 13

This mixture is not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200. Quartz 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.

SECTION 4 First aid measures

4.1. Description of necessary 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.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.

4.2. Most important symptoms/effects, acute and delayed

No additional information available

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version 2.7 Issued 5/7/2026 Supersedes version 2.6 (issued 11/17/2025)

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide. Sand.

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

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

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".

Emergency procedures : Evacuate unnecessary personnel.

Environmental precautions : Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.2. Methods and materials 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.

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.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep in a well-ventilated place away from heat.

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version 2.7 Issued 5/7/2026 Supersedes version 2.6 (issued 11/17/2025)

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

SBS Modified Bitumen Waterproofing Membrane	
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
Quartz (14808-60-7)	
USA - OSHA - Occupational Exposure Limits	
Local name	Silica, crystalline quartz, respirable dust
Remark (OSHA)	(3) See Table Z-3.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
talc (14807-96-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Talc (2009) Containing no asbestos fibers
ACGIH OEL TWA	2 mg/m ³
USA - OSHA - Occupational Exposure Limits	
Local name	Talc (containing no asbestos), respirable dust
Remark (OSHA)	(3) See Table Z-3.

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, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment. Avoid all unnecessary exposure.

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version 2.7 Issued 5/7/2026 Supersedes version 2.6 (issued 11/17/2025)

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. Basic physical and chemical properties

Physical state	: Solid
Color	: Various
Odor	: Asphalt
Odor 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)	: Nonflammable.
Vapor pressure	: No data available
Relative vapor 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

9.2. Data relevant with regard to physical hazard classes (supplemental)

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.

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version 2.7 Issued 5/7/2026 Supersedes version 2.6 (issued 11/17/2025)

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. fume. Carbon monoxide. Carbon dioxide.

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 sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Asphalt (8052-42-4)

IARC group	2B - Possibly carcinogenic to humans
------------	--------------------------------------

Quartz (14808-60-7)

IARC group	1 - Carcinogenic to humans
------------	----------------------------

Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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)

talC (14807-96-6)

LC50 - Fish [1]	> 100 g/l (24 h, Brachydanio rerio, Semi-static system)
-----------------	---

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

talC (14807-96-6)

Persistence and degradability	Biodegradability: not applicable.
-------------------------------	-----------------------------------

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

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.
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. Bioaccumulative potential

Calcium carbonate (471-34-1)	
Ecology - soil	Adsorbs into the soil.

12.5. Other adverse effects

No additional information available

SECTION 13 Disposal considerations

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

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

Not regulated for transport

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT)	: Not regulated
Proper Shipping Name (TDG)	: Not regulated
Proper Shipping Name (IMDG)	: Not regulated
Proper Shipping Name (IATA)	: Not regulated

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

14.3. Transport hazard class(es)

DOT

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

TDG

Transport hazard class(es) (TDG) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

14.4. Packing group

Packing group (DOT) : Not regulated

Packing group (TDG) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (IATA) : Not regulated

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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.

All components are listed on the Canadian DSL

SBS Modified Bitumen Waterproofing Membrane

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

15.3. State regulations

California Prop 65: This product can expose you to silica, crystalline (quartz), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

State's Right To Know (RTK)

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
talc (14807-96-6)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Revision dates:

3/31/2025	Edited synonyms and corrected typos
7/31/2025	Edited synonyms and corrected typos
11/17/2025	Added new products to section 1.1
5/7/2026	Added new products to section 1.1 and updated section 15 information

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.