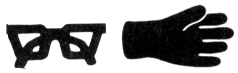
SAFETY DATA SHEET

SOPRAFELT NO. 15

Offerte en français

GHS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
Not regulated		**Not regulated**

SECTION I: IDENTIFICATION

Use: Waterproofing membrane for multilayer system.

Distributors:

Soprema Canada
1675 Haggerty Street
Drummondville (Quebec) J2C 5P7
CANADA
Tel.: 819 478-8163

Soprema Inc.
44955 Yale Road West
Chilliwack (BC) V2R 4H3
CANADA
Tel.: 604 793-7100

Soprema USA
310 Quadral Drive
Wadsworth (Ohio) 44281
UNITED STATES
Tel.: 1 800 356-3521

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

In case of emergency:

SOPREMA (8:00am to 5:00pm): 1 800 567-1492 **CANUTEC (Canada) (24h.): 613 996-6666** **CHEMTREC (USA) (24h.): 1 800 424-9300**

SECTION II: HAZARD(S) IDENTIFICATION

NOTICE

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing and eye protection. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation, wear respiratory protection. Wash hands thoroughly after handling. Dispose in accordance with local, regional and national regulations.

SECTION III: COMPOSITION AND INFORMATION ON HAZARDOUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Asphalt	8052-42-4	60-100	0.5 mg/m³	Not available

Effects of Short-Term (Acute) Exposure

INHALATION
Exposure to dust produced during the manipulation or cutting of the product may irritate the eyes, the skin, the nose, the throat and the upper respiratory system. Extreme exposure to large quantities of dust may cause breathing difficulties et sneezing. If there is too much dust in the air, leave the area. If breathing difficulties persist, get medical attention. (1)

SKIN CONTACT
Direct skin contact may cause temporary irritation due to mechanical abrasion. If symptoms persist, get medical attention. (1)

EYE CONTACT
Dust may cause mechanical irritation. If pain, redness, itching and other symptoms persist, get medical attention. (1)

INGESTION
This product is not mean to be ingested. It may cause throat, stomach and digestive system irritation. (1)

Effects of Long-Term (Chronic) Exposure

SKIN CONTACT
No likely health effect if the product is not heated. (1)

INHALATION
No likely health effect if the product is not heated. (1)

NERVOUS SYSTEM EFFECTS
No information available.

CARCINOGENICITY
Asphalt fumes may contain a variety of polycyclic aromatic hydrocarbons (PAH), some of which are associated with the potential of inducing skin cancer. Increasing amounts of PAH may be released if this product is heated above 200°C. Prolonged or repeated contact of polycyclic aromatic hydrocarbons with skin may cause skin cancer where poor personal hygiene may be a contributing factor. Asphalt fumes contain substances such as *Benzo(a)pyrene* and *Dibenzo(a,h)anthracene* that are known to cause cancer in humans. In its 2013 monograph (Volume 103), the International Agency for Research on Cancer (IARC) conducted a review of the potential carcinogenicity of bitumen (the European term for asphalt). One of its conclusions was that the "occupational exposures to straight-run bitumens and their emissions during road paving are possibly carcinogenic to humans (group 2B)" (1)

TERATOGENICITY, EMBRYOTOXICITY, FETOTOXICITY
No information available.

REPRODUCTIVE TOXICITY
No information available.

MUTAGENICITY
No information available.

TOXICOLOGICALLY SYNERGISTIC MATERIALS
No information available.

POTENTIAL FOR ACCUMULATION
No information available.

SECTION IV: FIRST-AID MEASURES

SKIN CONTACT
Wash with plenty of water. If skin irritation occurs: Get medical advice.

EYE CONTACT
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

INHALATION
Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center.

INGESTION
Immediately call a poison center. Do NOT induce vomiting. Rinse mouth.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Asphalt fumes are flammable.
EXPLOSION DATA: Not determined.
FLASH POINT: >200°C (392°F).
AUTO-IGNITION TEMPERATURE: >400°C (752°F).
FLAMMABILITY LIMITS IN AIR: (% in volume) Not available

FIRE AND EXPLOSION HAZARDS:
Keep away from ignition sources.

COMBUSTION PRODUCTS:
Carbon monoxide, carbon dioxide, nitrogen oxides, sulphur oxides, hydrogen sulphide and incomplete combustion products. Burning of this material will produce thick black smoke.

FIRE FIGHTING INSTRUCTIONS:
Evacuate area. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Approach fire from upwind and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away. Move rolls from fire area if this can be done without risk. Cool rolls with flooding quantities of water until well after fire is out.

MEANS OF EXTINCTION
Anti-alcohol or universal foam, dry chemical powder, CO_2, sand.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL
Eliminate all sources of ignition. Prevent entry into waterways, sewers, basements or confined areas

SECTION VII: HANDLING AND STORAGE

HANDLING
Avoid prolonged exposure to dust. Minimise skin and eye contact. Use under adequate ventilation measures. Wash body parts after manipulation.

STORAGE
Store material in upright position away from all sources of heat and ignition in a fresh, well ventilated area. Keep away from children. Protect from the elements and sunlight.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear resistant gloves.
RESPIRATORY: If the TLV is exceeded, if use is performed in a poorly ventilated confined area, use an approved respirator in accordance with standards.
EYES: Wear chemical safety goggles in accordance with standards.
OTHERS: Eye bath and safety shower.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
ODOUR AND APPEARANCE:	Black with asphalt odour
ODOUR THRESHOLD:	Not available
VAPOUR DENSITY (air = 1):	Not available
EVAPORATION RATE (Butyl acetate = 1):	Not available
BOILING POINT (760 mm Hg):	Not available
FREEZING POINT:	Not available
SPECIFIC GRAVITY (H_2O = 1):	0.5 to 0.8 g/cm^3
SOLUBILITY IN WATER (20°C):	Insoluble
VOLATILE ORGANIC COMPOUND (V.O.C.) CONTENT:	Not available
VISCOSITY:	Not applicable

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable.
CONDITIONS OF REACTIVITY: Avoid excessive heat and humidity.
INCOMPATIBILITY: Avoid strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides, sulphur oxides, nitrogen oxides, hydrogen sulphide and hydrocarbons.
HAZARDOUS POLYMERISATION: None

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA: Not available

Effects of Short-Term (Acute) Exposure

INHALATION
No information available.

EYE IRRITATION
No information available.

SKIN IRRITATION
No information available.

Effects of Long-Term (Chronic) Exposure

TARGET ORGANS
No information available.

CARCINOGENICITY
No information available.

SENSITIZATION
This product is not expected to be a skin or a respiratory sensitizer based on the available data. (1)

REPRODUCTIVE EFFECTS
No information available.

TERATOGENICITY, EMBRYOTOXICITY, FETOTOXICITY
No information available.

MUTAGENICITY
No information available.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS
Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and / or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to the satisfaction of authorities.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL
This product is not hazardous waste. Consult provincial and federal regulations to know disposal methods. This material is not listed by the EPA as hazardous waste may require that environmental and / or other agencies be notified.

SECTION XIV: TRANSPORT INFORMATION

This product is not regulated by DOT and TDG.

SECTION XV: REGULATORY INFORMATION

DSL: All constituents of this product are listed on the Domestic Substances List (DSL – Canada)
TSCA: All constituents of this product are listed on the Toxic Substances Control Act Inventory (TSCA – United States).
Prop. 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

SECTION XVI: OTHER INFORMATION

GLOSSARY
ASTM: American Society for Testing and Materials (United States)

CAS:	Chemical Abstract Services
CSA:	Canadian Standardization Association
DOT:	Department of Transportation (United States)
EPA:	Environmental Protection Agency (United States)
GHS	Globally Harmonized System
LD_{50}/LC_{50}:	Less high lethal dose and lethal concentration published
NIOSH:	National Institute for Occupational Safety and Health (United States)
RCRA:	Resource Conservation and Recovery Act (United States)
TDG:	Transportation of Dangerous Goods (Canada)
TLV-TWA:	Threshold Limit Value – Time-Weighted Average

Reference:

(1) Safety Data Sheet of the supplier

Code of SDS: **CA U DRU SS FS 257**

For more information: 1 800 567-1492

The Safety Data Sheets of SOPREMA Canada are available on Internet at the following site: **www.soprema.ca**

Justification of the update:

- New product.

To 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 or 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.