

SELF-ADHESIVE WATERPROOFING MEMBRANE

Offerte en français

HEALTH CANADA	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
Not regulated	No specific recommendation	Not regulated

SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Use: Elastomeric bitumen self-adhesive membrane.

Trade names: Aluminium Waterproofing Membrane, Basic Waterproofing Membrane, HR Cap Sheet, ICF Foundations Waterproofing Membrane, "Lastobond" Eaves Protection Sheet – Sanded Finish, Lastobond Econo, Lastobond Pro HTN, Lastobond Pro HTS, Red Zone.

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

Distributor: Resisto Division, Soprema Canada
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CANADA
Tel.: 819 478-8408 – 1 887 478-8408

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

EMERGENCY OVERVIEW!!!

Dark membrane with granule or sand surface or not. Asphalt odour. Under normal use, this product is not expected to create any health or environmental hazard. Inhalation of dust or of asphalt fumes can cause a respiratory irritation and/or a congestion.

SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
BITUMINOUS BLEND				
Bitumen ¹	8052-42-4	60-100	0.5 mg/m ³ Asphalt fumes	Not established
Highly hydrotreated naphthenic oil ¹	64742-52-5	1-10	Not established	Not established
Styrene butadiene copolymer ¹	9003-55-8	1-10	10 mg/m ³	Not established
UNDERFACE AND SURFACE				
Silicone paper	N/A	7-15	Not established	Not established
Aluminium, copper or stainless steel foil	N/A	7-15	Not established	Not established
Polyethylene woven complex	N/A	7-15	Not established	Not established

1. The exposure to the product above the limits of exposure is not likely to occur considering its form (incorporated in the mixture) and the provided use. The limit of exposure is given for reference only.

SECTION III: POTENTIAL HEALTH EFFECTS

Effects of short term (acute) exposure

SKIN CONTACT

The product is not likely to cause any skin effects.

EYE CONTACT

The product is not likely to cause effects to the eyes.

INHALATION

The product is not likely to cause effects to the respiratory system.

INGESTION

Exposure is not likely to occur by this route of entry under normal use of the product.

Effects of long term (chronic) exposure

SKIN CONTACT

The product is not likely to cause any skin effects.

INHALATION

The product is not likely to cause effects to the respiratory system.

CARCINOGENICITY

Due to the product form, exposure to hazardous dusts or fumes is not expected to occur. Information on carcinogenicity is given for reference only. This product is not classifiable as a carcinogen.

Asphalt:

According to the International Agency for Research on Cancer (IARC), asphalt is not classifiable as carcinogenic for humans. (2)

No information is available about other products.

TERATOGENICITY, EMBRIOTOXICITY, FETOTOXICITY

No information available.

REPRODUCTIVE TOXICITY

No information available.

MUTAGENICITY

No information available.

TOXICOLOGICALLY SYNERGISTIC MATERIALS

No information available

POTENTIAL ACCUMULATION

No information available.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT

If there is presence of dust on the skin, wash gently with water and soap. In the event of contact with the product melted, do not try to remove it from the affected area. Rinse in cold water. Obtain immediate medical attention.

EYE CONTACT

Flush eyes with water for at least 15 minutes while holding eyelids open. Do not attempt to remove material from affected area without medical assistance. Obtain immediate medical attention.

INHALATION

Remove victim from contaminated place and restore breathing if required.

INGESTION

The ingestion of this product is not very likely to occur.

SECTION V: FIRE-FIGHTING MEASURES

FLAMMABILITY: Not applicable
EXPLOSION DATA: Not applicable
FLASH POINT: Not applicable
AUTO-IGNITION TEMPERATURE: Not applicable
FLAMMABILITY LIMITS IN AIR: (% in volume) Not applicable

FIRE AND EXPLOSION HAZARDS:

No specific hazards.

COMBUSTION PRODUCTS

Burning of this material will produce thick black smoke. Irritating and/or toxic gases (including hydrogen sulphide and sulphur dioxide) and traces of metallic fumes may be generated by thermal decomposition or combustion.

FIRE FIGHTING INSTRUCTIONS

Evacuate the area. Wear self-contained breathing apparatus and appropriate protective clothing that are in accordance with standards. Approach fire from upwind and fight it from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from the containers at the time of the fire considering the high risk of explosion. Move the rolls of membrane from fire area if it can be done without risk. Cool the rolls of membrane with flooding quantities of water until well after fire is out.

EXTINGUISHING MEDIA: Foam, CO₂, sand, and chemical powder.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL

Not applicable.

SECTION VII: HANDLING AND STORAGE

HANDLING AND STORAGE

The materials must be protected adequately and stored permanently away from flames or welding sparks, protected from bad weather and any harmful substances. Self-adhesive membranes must be stored away from the sun.

SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION

HANDS: No specific recommendations.

RESPIRATORY: No specific recommendations.

EYES: No specific recommendations.

BODY: No specific recommendations.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid
ODOUR AND APPEARANCE: Black membrane with asphalt odour
ODOUR THRESHOLD: Not available
VAPOUR PRESSURE (20°C): Not applicable
VAPOUR DENSITY (air = 1): Not applicable
EVAPORATION RATE (Butyl acetate = 1): Not applicable
BOILING POINT (760 mm Hg): Not applicable
FREEZING POINT: Not applicable
SPECIFIC GRAVITY (H₂O = 1): Variable
SOLUBILITY IN WATER (20°C): None
VOLATIL ORGANIC COMPOUND CONTENT (V.O.C.): Not applicable
VISCOSITY: Not applicable

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable.
CONDITIONS OF REACTIVITY: Avoid excessive heat.
INCOMPATIBILITY: Acid and strong basis, organic solvents, and greasy substances
HAZARDOUS DECOMPOSITION PRODUCTS: None identified
HAZARDOUS POLYMERISATION: None

SECTION XI: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

No information is available.

Effects of Short-Term (Acute) Exposure

No information available.

Effects of Long-Term (Chronic) Exposure

CARCINOGENICITY

Asphalt:

Data from experimental studies on animals and cultured mammalian cells indicate that laboratory-generated roofing asphalt fume condensates are genotoxic and cause skin tumours. (2)

Highly hydrotreated naphthenic oil:

No study on the human and the animals made it possible to classify naphthenic oils highly hydrotreated as carcinogen (IARC, 1984). (1)

No information is available about other products.

REPRODUCTIVE EFFECTS

No information available.

TERATOGENICITY, EMBRYOTOXICITY, FETOTOXICITY

No information available.

MUTAGENICITY

No information is available.

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS

No data available.

BIODEGRADABILITY

This product is not biodegradable. There is no possible bioaccumulation and unlikely bioconcentration in the food chain.

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

This product is not hazardous waste. Consult local, provincial, territory or state authorities to know disposal methods. This material is not listed by the EPA as hazardous waste according to the *Resource Conservation and Recovery Act* (RCRA) of the United States. No EPA waste numbers are applicable for this product.

SECTION XIV: TRANSPORT INFORMATION

This product is not regulated by the Department of Transportation (DOT) and Transportation Dangerous Goods (TDG).

SECTION XV: REGULATORY INFORMATION

DSL: All constituents of this product are included in the Domestic Substances List (DSL) of Canada.
TSCA: All constituents of this product are listed on the Toxic Substances Control Act Inventory (TSCA) of the United States.

HMIS (USA):		NFPA (USA):	
Health:	0	Health:	0
Flammability:	1	Flammability:	1
Physical hazard:	0	Instability:	0
Protective equipment:	N/A	Specific hazard:	0

SECTION XVI: OTHER INFORMATION**Glossary:**

ANSI: American National Standards Institute
CAS: Chemical Abstract Services
CFR: Code of Federal Regulations
HMIS: Hazardous Material Information System
LD50/CL50: Less high lethal dose and lethal concentration published
NFPA: National Fire Protection Association
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
TWA: Time-weighted average

References:

- (1) Material Safety Data Sheet from the supplier
- (2) NIOSH (2001) Hazard Review, Health Effects of Occupational Exposure to Asphalt. U.S. Department of Health and Human Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2001-110.

Code of MSDS: CA U DRU SS FS 043
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The Material Safety Data Sheets of RESISTO Canada are available on Internet at the following site: <http://www.resisto.ca>

Justification of the update:

- Addition of a new trade name.

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

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.

Bar Codes:

Aluminium Waterproofing Membrane:
 6 23680 66540 8 6 23680 66550 7 6 23680 66555 2 6 23680 66560 6

Basic Waterproofing Membrane:
 6 23680 65241 5 6 23680 65242 2

HR Cap Sheet:
 6 23680 09100 9 6 23680 09130 6 6 23680 09140 5 6 23680 09150 4

ICF Foundations Waterproofing Membrane:
 6 23680 10133 3

"Lastobond" Eaves protection Sheet, Sanded Finish:
 6 23680 00166 4 6 23680 00167 1 6 23680 60160 4

Lastobond Pro HTN:
 6 23680 10107 4

Lastobond Pro HTS:
 6 23680 10108 1

Red Zone (air/water):
 6 23680 17727 7 6 23680 17730 7 6 23680 17731 4 6 23680 17732 1

6 23680 17733 8 6 23680 17734 5