

CLASSIFICATION: 07 27 13

created via: HPDC Online Builder

PRODUCT DESCRIPTION: SELF-ADHESIVE, SHEET-APPLIED AIR AND VAPOUR BARRIER MEMBRANE USED IN LOW-SLOPE ROOFING ASSEMBLIES COMPOSED OF SBS-MODIFIED BITUMEN AND A TRI-LAMINATE WOVEN POLYETHYLENE FACER. DESIGNED TO BE INSTALLED DIRECTLY OVER THE STRUCTURAL DECK, IT ALSO ENHANCES THE RESISTANCE TO DYNAMIC WIND UPLIFT OF THE ROOFING ASSEMBLY.

Section 1: Summary

CONTENT INVENTORY

- | | |
|--|--|
| Threshold per material | Residuals and impurities considered in 0 of 3 materials |
| <input type="radio"/> 100 ppm | <input checked="" type="radio"/> see Section 2: Material Notes |
| <input checked="" type="radio"/> 1,000 ppm | <input checked="" type="radio"/> see Section 5: General Notes |
| <input type="radio"/> Per GHS SDS | |
| <input type="radio"/> Per OSHA MSDS | |
| <input type="radio"/> Other | |

Based on the selected Content Inventory Threshold:

- | | | |
|---|----------------------------------|-----------------------|
| Characterized..... | <input checked="" type="radio"/> | <input type="radio"/> |
| Are the Percent Weight and Role provided for all substances? | Yes | No |
| Screened..... | <input checked="" type="radio"/> | <input type="radio"/> |
| Are all substances screened using Priority Hazard Lists with results disclosed? | Yes | No |
| Identified..... | <input checked="" type="radio"/> | <input type="radio"/> |
| Are all substances disclosed by Name (Specific or Generic) and Identifier? | Yes | No |

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

ROOFING SELF-ADHESIVE BITUMEN MIXTURE [ASPHALT **LT-1**]
| CAN STYRENE BUTADIENE RUBBER (SBR) **LT-UNK**
NAPHTHENIC OILS **LT-P1**] WOVEN POLYETHYLENE FACER [POLYETHYLENE **LT-UNK**] SILICONE-COATED RELEASE FILM [POLYETHYLENE **LT-UNK** POLYDIMETHYLSILOXANES **LT-P1** | PBT]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

No substance other than those listed in this HPD have been added to the finished product during its manufacturing. Residuals or impurities could not be considered because information was not provided to the manufacturer by the raw materials vendors. The precise composition of the roofing self-adhesive bitumen mixture was not disclosed to protect proprietary information; ranges were given.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

Management: ISO-9001:2008
Management: ISO-14001:2004
Management: OHSAS 18001:2007
Other: CAN/ULC S126

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: April 19, 2017	EXPIRY DATE*: April 19, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: April 25, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

ROOFING SELF-ADHESIVE BITUMEN MIXTURE

#: 81.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: The self-adhesive bitumen is composed of different substances blended to a homogeneous mixture. Residuals were not considered because information could not be disclosed to the manufacturer by the materials suppliers.

ASPHALT

ID: 8052-42-4

#: 60.0000 - 70.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Main waterproofing compound

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: Exact percentage not disclosed to protect proprietary information.

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

#: 15.0000 - 25.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polymeric modifier for adhesion and heat resistance

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Exact percentage not disclosed to protect proprietary information.

NAPHTHENIC OILS

ID: 67254-74-4

#: 10.0000 - 20.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Plasticizer for adhesion improvement

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Exact percentage not disclosed to protect proprietary information.

WOVEN POLYETHYLENE FACER

%: 15.7000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Residuals were not considered because information could not be disclosed to the manufacturer by the materials suppliers.

POLYETHYLENE

ID: 9002-88-4

%: 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: HDPE and LDPE mixture (see Substance Notes)

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: 50% HDPE to provide strength to the woven material 50% LDPE to ensure barrier continuity of the finished facer

SILICONE-COATED RELEASE FILM

%: 3.3000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Silicone-coated release film is composed of a base polymeric film (polyolefin type) coated with a silicone-based release material. Residuals were not considered because information could not be disclosed to the manufacturer by the materials suppliers.

POLYETHYLENE

ID: 9002-88-4

%: 95.0000 - 99.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Base film for removable backing material

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The exact nature of the polymer used in this film is a proprietary information from the raw material supplier. It was impossible to obtain disclosure of the nature of the film. Because it is named "polyolefin film" we chose to classify it as polyethylene in this HPD.

POLYDIMETHYLSILOXANES

ID: 63148-62-9

%: 1.0000 - 5.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Release compound to allow installation of adhesive product

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: The exact nature of the silicone polymer used as a release agent in this film is a proprietary information from the raw material supplier. It was impossible to obtain disclosure of the nature of the silicone.

**Section 3: Certifications and Compliance**

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

MANAGEMENT

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Soprema plants: Drummondville, Québec, Canada Chilliwack, British Columbia, Canada Wadsworth, Ohio, USA Gulfport, Mississippi, USA

CERTIFICATE URL: <http://soprema.ca/wp-content/uploads/2016/08/ISO-9001-2008.pdf>

CERTIFICATION AND COMPLIANCE NOTES:

ISO-9001:2008

ISSUE DATE:

2016-04-14

EXPIRY DATE:

2018-09-14

CERTIFIER OR

LAB: BSI

MANAGEMENT

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Soprema plants: Drummondville, Québec, Canada Chilliwack, British Columbia, Canada Wadsworth, Ohio, USA

CERTIFICATE URL: <http://soprema.ca/wp-content/uploads/2016/08/ISO-14001-2004.pdf>

CERTIFICATION AND COMPLIANCE NOTES:

ISO-14001:2004

ISSUE DATE:

2016-04-14

EXPIRY DATE:

2018-09-14

CERTIFIER OR

LAB: BSI

MANAGEMENT**OHSAS 18001:2007**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Soprema plants: Drummondville, Québec, Canada
Chilliwack, British Columbia, Canada Wadsworth, Ohio, USA Gulfport,
Mississippi, USA
CERTIFICATE URL: <http://soprema.ca/wp-content/uploads/2016/08/OHSAS-18001-2007.pdf>
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:
2016-04-14

EXPIRY DATE:
2019-01-04

CERTIFIER OR
LAB: BSI

OTHER

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Soprema plant in Drummondville, Québec.
CERTIFICATE URL: <http://productspec.ul.com/canada/document.php?id=TGKXC.C52>
CERTIFICATION AND COMPLIANCE NOTES: The successful testing as per the requirements of CAN/ULC-S126 for SOPRAVAP'R confirms this product can be installed directly over steel deck without the use of a barrier board. Such roof assemblies meet the requirements of the National Building Code of Canada 2015.

CAN/ULC S126

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2016-02-29	0000-00-00	Underwriters Laboratories of Canada (ULC)

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

PRIMER FOR SELF-ADHESIVE MEMBRANE

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: The use of a primer (such as ELASTOCOL STICK or ELASTOCOL STICK ZERO) is required before the installation of SOPRAVAP'R except if it is installed on a steel deck, for which primer is not required.

Section 5: General Notes

Residuals could not be considered as information was not provided to the manufacturer by raw materials suppliers.



MANUFACTURER INFORMATION

MANUFACTURER: Soprema

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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator, and when available, full GreenScreen assessments. The HPD Open Standard does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.