SOPRASEAL STICK 1100T by Soprema ®

CLASSIFICATION: 07 27 13

PRODUCT DESCRIPTION: SELF-ADHESIVE, SHEET-APPLIED AIR AND VAPOUR BARRIER MEMBRANE FOR WALLS COMPOSED OF SBS-MODIFIED BITUMEN AND A TRI-LAMINATE WOVEN POLYETHYLENE FACER. MAY ALSO BE USED AS MASONRY AND THROUGH-WALL FLASHING MEMBRANE AS WELL AS TRANSITION MEMBRANE. THIS PRODUCT CAN BE USED ON MOST SUBSTRATES, SUCH AS MASONRY, CONCRETE, WOOD AND GYPSUM. THE AIR BARRIER ASSEMBLY COMPRISING SOPRASEAL STICK 1100 T OBTAINED THE A1 CLASSIFICATION WHEN TESTED UNDER CAN/ULC-S742.

Health Product Declaration v2.0

created via: HPDC Online Builder

Section 1: Summary

CONTENT INVENTORY

Threshold per material
- ○ 100 ppm
- ◉ 1,000 ppm
- ○ Per GHS SDS
- ○ Per OSHA MSDS
- ○ Other

Residuals and impurities considered in 0 of 3 materials
- ◉ see Section 2: Material Notes
- ◉ see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	◉	○
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	◉	○
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	◉	○
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

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

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 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

See Section 3 for additional listings.

◉ Self-Published*	VERIFIER:	SCREENING DATE: April 25, 2017	EXPIRY DATE*: April 25, 2020
○ 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.

SELF-ADHESIVE BITUMEN MIXTURE **%: 74.8000** **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

%: 75.0000 - 85.0000	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

%: 7.0000 - 15.0000	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

%: 7.0000 - 15.0000	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.

SILICONE-COATED RELEASE PAPER **%: 12.7000** **HPD URL:**

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes: Silicone-coated release paper is composed of a Kraft paper base layer, a laminate of polyethylene film and coated with a silicone-based release material. Residuals were not considered because information could not be disclosed to the manufacturer by the materials suppliers.

KRAFT PAPER ID:

%: 80.0000 - 85.0000	GS: NoGS	RC: None	NANO: NO	ROLE: Principal component of the release material

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Typically the base kraft paper accounts for 82.2% of material weight but can vary slightly.

POLYETHYLENE ID: 9002-88-4

%: 15.0000 - 18.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Laminate to ensure efficiency of silicone coating on paper

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Typically the polyethylene laminate accounts for 16.4% of material weight but can vary slightly.

POLYDIMETHYLSILOXANES ID: 63148-62-9

%: 1.0000 - 2.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: Release material 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 chemical nature of this ingredient was not disclosed to the manufacturer by its raw materials vendors.

WOVEN POLYETHYLENE FACER **%: 12.5000** **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

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 — **ISO-9001:2008**

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:

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2016-04-14	2018-09-14	BSI

MANAGEMENT — **ISO-14001:2004**

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:

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2016-04-14	2018-09-14	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:	EXPIRY DATE:	CERTIFIER OR LAB:
2016-04-14	2019-01-04	BSI

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 SOPRASEAL STICK PRIMER, ELASTOCOL STICK ZERO or ELASTOCOL STICK H2O) is required before the installation of SOPRASEAL STICK 1100 T.

Section 5: General Notes

Performance certification: Classification A1 under CAN/ULC-S742 Third-party report dated 2015-07-25 by Exova Maximum air leakage of assembly = 0.0269 L / s m2 at 75 Pa Residuals could not be considered as information was not provided to the manufacturer by raw materials vendors.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Soprema

ADDRESS: 1688 Jean-Berchmans-Michaud St.
Drummondville, QC J2C8E9
Canada

WEBSITE: www.soprema.ca

CONTACT NAME: Jean-François Côté

TITLE: Director, Standards and Scientific Affairs

PHONE: 819-478-8166 x.3290

EMAIL: jfcote@soprema.ca

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classi cation and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
OZO Ozone depletion
PBT Persistent Bioaccumulative Toxic
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspeci ed (insu cient data to benchmark)
LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists 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.