SOPRASEAL STICK 1100 T by Soprema

Health Product Declaration v2.1

CLASSIFICATION: 07 27 13

created via: HPDC Online Builder

PRODUCT DESCRIPTION: SOPRASEAL STICK 1100 T is a self-adhesive, sheet-applied air and vapour barrier membrane for walls composed of SBS-modified bitumen and a tri-laminate woven polyethylene facer. It 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.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format
- (•) Nested Materials Method
- ( ) Basic Method

Threshold Disclosed Per
- (•) Material
- ( ) Product

Threshold level
- ( ) 100 ppm
- (•) 1,000 ppm
- ( ) Per GHS SDS
- ( ) Per OSHA MSDS
- ( ) Other

Residuals/Impurities
Residuals/Impurities Considered in 1 of 3 Materials

Explanation(s) provided for Residuals/Impurities?
- (•) Yes ( ) No

Are All Substances Above the Threshold Indicated:

Characterized
Percent Weight and Role Provided?
- (•) Yes ( ) No

Screened
Using Priority Hazard Lists with Results Disclosed?
- (•) Yes ( ) No

Identified
Name and Identifier Provided?
- ( ) 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 DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI); (DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI);) LT-1 | PBT | CAN | MUL LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT (LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT) LT-P1 GAS OILS, PETROLEUM, HEAVY VACUUM (GAS OILS, PETROLEUM, HEAVY VACUUM) LT-1 | CAN | MUL *HYDROGEN SULFIDE (HYDROGEN SULFIDE)* LT-P1 | AQU | MAM | END | MUL | PHY *NICKEL (NICKEL)* LT-1 | CAN | RES | SKI | MAM | MUL *VANADIUM (VANADIUM)* LT-1 | MUL | CAN | GEN *LEAD (LEAD)* LT-1 | MAM | DEL | CAN | PBT | REP | AQU | MUL | END | GEN *POLYCYCLIC AROMATIC HYDROCARBONS (POLYCYCLIC AROMATIC HYDROCARBONS)* LT-1 | PBT | CAN *NAPHTHALENE (NAPHTHALENE)* BM-1 | CAN | PBT | AQU | MUL | END] SILICONE-COATED RELEASE PAPER [KRAFT PAPER NoGS POLYDIMETHYLSILOXANES LT-P1 | PBT] WOVEN POLYETHYLENE FACER [POLYETHYLENE LT-UNK UNDISCLOSED LT-1 | CAN UNDISCLOSED LT-P1 UNDISCLOSED LT-UNK | PBT UNDISCLOSED NoGS UNDISCLOSED LT-UNK]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... BM-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

See Section 3 for additional listings.

VOC emissions: CDPH Standard Method - N/A
Management: ISO-9001:2008 Drummondville
Management: ISO-14001:2004 Drummondville
Management: OHSAS 18001:2007 Drummondville

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?
- (•) Yes

PREPARER: Self-Prepared
VERIFIER: Vertima
VERIFICATION #: Ute-3846

SCREENING DATE: 2018-03-01
PUBLISHED DATE: 2018-03-02
EXPIRY DATE: 2021-03-01

No

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- *Basic Inventory method with Product-level threshold.*
- *Nested Material Inventory method with Product-level threshold*
- *Nested Material Inventory method with individual Material-level thresholds*

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

SELF-ADHESIVE BITUMEN MIXTURE

%: 74.8000 **HPD URL: No HPD available for this material**

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals were considered through information disclosed to the manufacturer by the materials suppliers.

OTHER MATERIAL NOTES: The self-adhesive bitumen is composed of different substances blended to a homogeneous mixture. Naphtenic oil is a component of this mixture. Different oils of different constitution are available. This explains why CAS #64742-52-5 can be present at 0% to 15%, CAS #64742-58-1 can be present at 0% to 12%, and CAS #64741-57-7 can be present at 0% to 12%. Hydrogen sulfide is a declared impurity of one of the sources of naphtenic oil.

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.

DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI); (DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI);)

ID: **64742-52-5**

%: **0.0000 - 15.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Plasticizer for adhesion improvement**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350 - May cause cancer

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

LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT (LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT)

ID: **64742-58-1**

%: **0.0000 - 12.0000** 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.

GAS OILS, PETROLEUM, HEAVY VACUUM (GAS OILS, PETROLEUM, HEAVY VACUUM)

ID: **64741-57-7**

%: **0.0000 - 12.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Plasticizer for adhesion improvement**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Australia - GHS	H350 - May cause cancer

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

HYDROGEN SULFIDE (HYDROGEN SULFIDE)

ID: **7783-06-4**

%: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H220 - Extremely flammable gas

SUBSTANCE NOTES: Hydrogen sulfide may be present in asphalt and petroleum oil.

NICKEL (NICKEL)

ID: **7440-02-0**

%: **Impurity/Residual** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Nickel may be present as an impurity in asphalt.

VANADIUM (VANADIUM)

ID: **7440-62-2**

%: **Impurity/Residual** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
GENE MUTATION	MAK	Germ Cell Mutagen 2

SUBSTANCE NOTES: Vanadium may be present as impurity in asphalt.

LEAD (LEAD)

ID: **7439-92-1**

%: **Impurity/Residual** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)	Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs	PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects

DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A
CANCER	Korea - GHS	Carcinogenicity - Category 1 [H350 - May cause cancer]
REPRODUCTIVE	Korea - GHS	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]

SUBSTANCE NOTES: Lead may be present as impurity in asphalt.

POLYCYCLIC AROMATIC HYDROCARBONS (POLYCYCLIC AROMATIC HYDROCARBONS)

ID: **130498-29-2**

%: **Impurity/Residual** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
PBT	WA DoE - PBT	PBT
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	US EPA - Toxics Release Inventory PBTs	PBT

SUBSTANCE NOTES: Polycyclic aromatic hydrocarbons may be present as impurity in asphalt.

NAPHTHALENE (NAPHTHALENE)

ID: **91-20-3**

%: **Impurity/Residual** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US EPA - IRIS Carcinogens	(1986) Group C - Possible human Carcinogen
CANCER	IARC	Group 2b - Possibly carcinogenic to humans

CANCER	CA EPA - Prop 65	Carcinogen
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
PBT	US EPA - Toxics Release Inventory PBTs	PBT

SUBSTANCE NOTES: Naphthalene may be present as impurity in asphalt.

SILICONE-COATED RELEASE PAPER

%: 12.7000 **HPD URL: No HPD available for this material**

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals could not be considered because information was not provided to the manufacturer by the raw materials vendors.

OTHER MATERIAL NOTES: Silicone-coated release paper is composed of an unbleached kraft paper base layer coated with a silicone-based release material.

KRAFT PAPER

ID: **Not registered**

%: **97.0000 - 100.0000** 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: No information regarding residuals or impurities would be shared by the material supplier.

POLYDIMETHYLSILOXANES

ID: **63148-62-9**

%: **3.0000 - 4.0000** 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 by the material supplier. The information provided by the material supplier is "silicone". Assumption was made that this "silicone" was in fact a chemical of the polydimethylsiloxane family.

WOVEN POLYETHYLENE FACER

%: 12.5000 **HPD URL: No HPD available for this material**

MATERIAL THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals could not be considered because information was not provided to the manufacturer by the raw materials vendors.

OTHER MATERIAL NOTES: Polyethylene grid coated with polyethylene continuous film with colour printing.

POLYETHYLENE

ID: **9002-88-4**

%: **90.0000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Provide strength and resistance to UV exposure**

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

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

UNDISCLOSED

%: **1.0000 - 2.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant for polyethylene**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: The identity of this ingredient cannot be revealed due to confidentiality agreement with raw material vendor. Its impact has been considered in this HPD.

UNDISCLOSED

%: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Antioxidant for polyethylene**

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

SUBSTANCE NOTES: The identity of this ingredient cannot be revealed due to confidentiality agreement with raw material vendor. Its impact has been considered in this HPD.

UNDISCLOSED

%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Antioxidant for polyethylene**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
PBT	EU - ESIS PBT	Under PBT evaluation

SUBSTANCE NOTES: The identity of this ingredient cannot be revealed due to confidentiality agreement with raw material vendor. Its impact has been considered in this HPD.

UNDISCLOSED

%: **0.0000 - 0.3000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **UV Absorber for polyehtylene**

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

SUBSTANCE NOTES: The identity of this ingredient cannot be revealed due to confidentiality agreement with raw material vendor. Its impact has been considered in this HPD.

UNDISCLOSED

%: **0.0000 - 0.3000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **UV Absorber for polyehtylene**

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

SUBSTANCE NOTES: The identity of this ingredient cannot be revealed due to confidentiality agreement with raw material vendor. Its impact has been considered in this HPD.

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.

VOC EMISSIONS **CDPH Standard Method - N/A**

CERTIFYING PARTY: Self-declared ISSUE DATE:2018-02-26 EXPIRY DATE: CERTIFIER OR LAB: N/A

APPLICABLE FACILITIES: N/A

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: N/A - This product is an exterior product therefore is not to be tested for VOC emissions.

MANAGEMENT **ISO-9001:2008 Drummondville**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Facilities covered by this certification: St Julien du Sault, France; Strasbourg, France; Val de Reuil, France; Sorgues, France; Luynes, France; Ambert, France; Cestas, France; Drummondville, Québec, Canada; Chilliwack, British Columbia, Canada; Wadsworth, Ohio, USA; Richmond, Québec, Canada; Gulfport, Mississippi, USA; Beauport, Québec, Canada; Oberrosbach, Germany; Grobbendonk, Belgium; Ijlst, Netherlands; Chignolo d'Isola Bergamo, Italy; Frosinone, Italy; Blonie, Poland; Spreitenbach, Switzerland.
CERTIFICATE URL: http://soprema.ca/wp-content/uploads/2016/08/ISO-9001-2008.pdf

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

CERTIFICATION AND COMPLIANCE NOTES: Although all the plants cited above are covered by the certification, the only plant that manufactures the product covered by this HPD is the plant in Drummondville, Québec, Canada.

MANAGEMENT **ISO-14001:2004 Drummondville**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Facilities covered by this certification: St Julien du Sault, France; Strasbourg, France; Val de Reuil, France; Sorgues, France; Drummondville, Québec, Canada; Chilliwack, British Columbia, Canada; Wadsworth, Ohio, USA; Richmond, Québec, Canada; Beauport, Québec, Canada; Grobbendonk, Belgium; Ijlst, Netherlands; Chignolo d'Isola Bergamo, Italy; Frosinone, Italy; Blonie, Poland; Spreitenbach, Switzerland.
CERTIFICATE URL: http://soprema.ca/wp-content/uploads/2016/08/ISO-14001-2004.pdf

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

CERTIFICATION AND COMPLIANCE NOTES: Although all the plants cited above are covered by the certification, the only plant that manufactures SOPRASEAL STICK 1100 T is the plant in Drummondville, Québec, Canada.

MANAGEMENT **OHSAS 18001:2007 Drummondville**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Facilities covered by this certification: St Julien du Sault, France; Strasbourg, France; Drummondville, Québec, Canada; Chilliwack, British Columbia, Canada; Wadsworth, Ohio, USA; Gulfport, Mississippi, USA; Beauport, Québec, Canada.
CERTIFICATE URL: http://soprema.ca/wp-content/uploads/2016/08/OHSAS-18001-2007.pdf

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

CERTIFICATION AND COMPLIANCE NOTES: Although all the plants cited above are covered by the certification, the only plant that manufactures SOPRASEAL STICK 1100 T is the plant in Drummondville, Québec, Canada.

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 available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The use of a primer is required before the installation of SOPRASEAL STICK 1100 T. Acceptable primers include SOPRASEAL STICK PRIMER (500 g/L VOC content), ELASTOCOL STICK ZERO (0 g/L VOC content including 240 g/L exempt VOC as per EPA), and ELASTOCOL STICK H2O (0 g/L VOC content)

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

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)
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)

BM-U Benchmark Unspeci ed (insu cient data to benchmark)

NoGS 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 Terms

Inventory Methods:

Nested Method / **Material Threshold** Substances listed within each material per threshold indicated per material
Nested Method / **Product Threshold** Substances listed within each material per threshold indicated per product
Basic Method / **Product Threshold** Substances listed individually per threshold indicated per produc

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

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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 v2.1 is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

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

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 standard noted.