

**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 4 materials

- see Section 2: Material Notes
- see Section 5: General Notes

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.

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

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

EXTERIOR GYPSUM BOARD [ GYPSUM **LT-UNK** SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN ] SELF-ADHESIVE BITUMEN MIXTURE [ ASPHALT **LT-1** | CAN ] STYRENE BUTADIENE RUBBER (SBR) **LT-UNK** NAPHTHENIC OILS **LT-P1** ]  
 WOVEN POLYETHYLENE FACER [ POLYETHYLENE **LT-UNK** ]  
 POLYPROPYLENE FILM [ POLYPROPYLENE **LT-UNK** ]

**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.

**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: ABAA - Factory Membranes Bonded to Sheathing

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 15, 2017	EXPIRY DATE*: May 15, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 15, 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](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### EXTERIOR GYPSUM BOARD

#: 89.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Residuals or impurities could not be considered because information was not provided to the manufacturer by the raw materials vendors.

#### GYPSUM

ID: 13397-24-5

#: 90.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Core material for gypsum board

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

#### SUBSTANCE NOTES:

### SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

#: 0.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Inorganic facer for gypsum board

#### HAZARDS:

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: Exact percentage of glass mat in gypsum pael depends on the manufacturer.

### SELF-ADHESIVE BITUMEN MIXTURE

#: 10.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Residuals or impurities could not be considered because information was not provided to the manufacturer by the raw materials vendors.

#### ASPHALT

ID: 8052-42-4

#: 75.0000 - 85.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Main waterproofing compound

#### HAZARDS:

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.

WOVEN POLYETHYLENE FACER

?: 1.1000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Residuals or impurities could not be considered because information was not provided to the manufacturer by the raw materials vendors.

POLYETHYLENE

ID: 9002-88-4

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

POLYPROPYLENE FILM

?: 0.1000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Residuals or impurities could not be considered because information was not provided to the manufacturer by the raw materials vendors.

POLYPROPYLENE

ID: 9003-07-0

%: 100.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Surface material - burns when membrane is installed
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: BOPP film.



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

**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-14001-2004.pdf>  
CERTIFICATION AND COMPLIANCE NOTES:

**ISO-14001:2004**

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

**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/OHSAS-18001-2007.pdf>  
CERTIFICATION AND COMPLIANCE NOTES:

**OHSAS 18001:2007**

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

**OTHER**

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: For products manufactured in Drummondville, QC, Canada.  
CERTIFICATE URL: <http://www.airbarrier.org/technical-information/evaluated-materials/>  
CERTIFICATION AND COMPLIANCE NOTES: Air Permeance (material) 0.00834 L/s m2 Air Permeance (assembly) 0.038 L/s m2

**ABAA - Factory Membranes Bonded to Sheathing**

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2014-03-10	0000-00-00	Air-INS



## 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.

Residuals or impurities could not be considered because information was not provided to the manufacturer by the raw materials vendors.



**MANUFACTURER INFORMATION**

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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.