

**SCS Global Services** does hereby certify that an independent assessment has been conducted on behalf of:

# ARAUCO- North America

151 Church Street, St., Stephen, NB, Canada

For the following product(s):

**Wood, Plastic, and Composite Panels:**

Prism TFL - Vesta ULEF MDF

*HPD Screening Date: 8/18/2017*

*Verification #: qGE-3368*



The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):

## **Verified Health Product Declaration**

This validation conforms to the Health Product Declaration Open Standard, Version 2.1 (May 1, 2017).

Products have a complete, basic, product threshold HPD and have been validated for health hazard warnings at an inventory threshold of 100 ppm (0.01%). All substances above the threshold were characterized and screened only.

Registration # SCS-HPD-04858

Valid from: January 29, 2018 to August 18, 2020



A handwritten signature in black ink that reads "Stanley Mathuram".

Stanley Mathuram, PE, Vice President  
SCS Global Services  
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

CLASSIFICATION: 06 00 00 Wood, Plastics, and Composites

created via: HPDC Online Builder

PRODUCT DESCRIPTION: PRISM is a colorful laminate brand that has real character with a designer-friendly focus. Our spectrum of styles and textures will open your eyes to a bright new world of laminates! Authentic to the touch, with the benefits of value and durability, we're a smart surface that you can love. Our Exclusive Collection, targeting commercial and residential applications, consists of over 73 designs (Woodgrains, Abstracts & Specialty Solids) available only from PRISM. By managing our own inventories we maintain a current and balanced design offering and managed inventory that you can depend on. All of our designs are available in nine different textures across North America. We also offer an extensive Symmetry Program to make sure that you have what you need to get the job done! PRISM TFL is a decorative overlay that is permanently bonded to particleboard or MDF substrate and is suitable for vertical or low-impact horizontal applications. Specific substrates covered by this HPD are listed in Inventory and Screening Notes.

**Section 1: Summary**

**Basic Method / Product 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**

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

**Characterized**  Yes  No  
Percent Weight and Role Provided?

**Screened**  Yes  No  
Using Priority Hazard Lists with Results Disclosed?

**Identified**  Yes  No  
Name and Identifier Provided?

**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**

ARAUCO NA PRISM TFL- VESTA ULEF MDF [ CELLULOSE, MICROCRYSTALLINE NoGS MELAMINE-UREA-FORMALDEHYDE (MUF) LT- UNK UREA LT-UNK MELAMINE FORMALDEHYDE (MELAMINE FORMALDEHYDE) LT-UNK UREA FORMALDEHYDE (UREA FORMALDEHYDE) LT-P1 | RES UNDISCLOSED CHEMICAL #3 BM-4 UNDISCLOSED CHEMICAL #4 LT-1 | CAN | MUL UNDISCLOSED CHEMICAL #5 NoGS UNDISCLOSED CHEMICAL #6 LT-P1 | MAM | SKI | RES | END AMMONIUM CHLORIDE LT-P1 | MAM | EYE | END TITANIUM DIOXIDE LT-1 | CAN | END ]

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

**INVENTORY AND SCREENING NOTES:**

This HPD includes the following substrates: Trupan Vesta ULEF, Trupan Vesta Lite ULEF, Trupan VESTA Plus ULEF, Trupan Vesta Custom ULEF, Fibrex VESTA ULEF, Fibrex Vesta Plus ULEF. Ingredient names undisclosed on HPD are considered proprietary.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** *See Section 3 for additional listings.*

Formaldehyde emissions: CARB ULEF Executive Order N-17-140 - Vesta - Malvern, AR  
Formaldehyde emissions: CARB ULEF Executive Order N-17-145 Vesta - Bennettsville, SC (MDF)  
Formaldehyde emissions: CARB ULEF Executive Order N-16-132 Vesta - Sault Ste. Marie, ON  
Formaldehyde emissions: CARB ULEF Executive Order N-16-126 Vesta - St. Stephen, NB (MDF)

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

PREPARER: Self-Prepared  
VERIFIER: SCS Global Services

SCREENING DATE: 2017-08-18  
PUBLISHED DATE: 2018-01-29

- Yes
- No

VERIFICATION #: qGE-3368

EXPIRY DATE: 2020-08-18

## 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### ARAUCO NA PRISM TFL- VESTA ULEF MDF

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: ARAUCO NA worked with an HPD Third Party Preparer to confirm that all residual and impurities have been considered during the preparation of this HPD.

OTHER PRODUCT NOTES:

#### CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

#: 82.0000 - 93.0000 GS: NoGS RC: None NANO: No ROLE: Structural Component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### MELAMINE-UREA-FORMALDEHYDE (MUF)

ID: 25036-13-9

#: 7.0000 - 17.0000 GS: LT-UNK RC: None NANO: No ROLE: Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### UREA

ID: 57-13-6

#: 0.8000 - 3.0000 GS: LT-UNK RC: None NANO: No ROLE: Scavenger

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### MELAMINE FORMALDEHYDE (MELAMINE FORMALDEHYDE)

ID: 9003-08-1

%: 0.6200 - 2.0800

GS: LT-UNK

RC: None

NANO: No

ROLE: Laminate Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**UREA FORMALDEHYDE (UREA FORMALDEHYDE)**

ID: 9011-05-6

%: 0.4900 - 1.6600

GS: LT-P1

RC: None

NANO: No

ROLE: Laminate Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

**UNDISCLOSED CHEMICAL #3**

ID: Undisclosed

%: 0.1250 - 1.0200

GS: BM-4

RC: None

NANO: No

ROLE: Water Repellent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD. The GreenScreen Benchmark® assessment score of BM-4 was provided through the HPD 2.1 Builder Tool.

**UNDISCLOSED CHEMICAL #4**

ID: Undisclosed

%: 0.1000 - 0.8500

GS: LT-1

RC: None

NANO: No

ROLE: Water Repellent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R45 - May cause cancer

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

RESTRICTED LIST

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: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

**UNDISCLOSED CHEMICAL #5**

ID: **Undisclosed**

#: **0.0010 - 0.0850**      GS: **NoGS**      RC: **None**      NANO: **No**      ROLE: **Water Repellent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

**UNDISCLOSED CHEMICAL #6**

ID: **Undisclosed**

#: **0.0005 - 0.0260**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Water Repellent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: This chemical has been identified and screened by Arauco's HPD Third Party Preparer. Due to its propriety nature, this chemical and its CAS# were not able to be disclosed on this HPD.

**AMMONIUM CHLORIDE**

ID: **12125-02-9**

#: **0.0000 - 0.4000**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Catalyst**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES:

%: 0.0000 - 0.0500

GS: LT-1

RC: None

NANO: No

ROLE: Laminate Pigment

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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Only present in white pigmented products

## 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.

### FORMALDEHYDE EMISSIONS

### CARB ULEF Executive Order N-17-140 - Vesta - Malvern, AR

CERTIFYING PARTY: Third Party

ISSUE DATE: 2017-

EXPIRY DATE: 2019-

CERTIFIER OR LAB: California Air Resources Board

APPLICABLE FACILITIES: ARAUCO North America - Malvern, Arkansas

04-12

04-12

CERTIFICATE URL:

[https://www.arb.ca.gov/toxics/compwood/naf\\_ulef/n140.pdf](https://www.arb.ca.gov/toxics/compwood/naf_ulef/n140.pdf)

CERTIFICATION AND COMPLIANCE NOTES:

### FORMALDEHYDE EMISSIONS

### CARB ULEF Executive Order N-17-145 Vesta - Bennettsville, SC (MDF)

CERTIFYING PARTY: Third Party

ISSUE DATE: 2017-

EXPIRY DATE: 2019-

CERTIFIER OR LAB: California Air Resources Board

APPLICABLE FACILITIES: ARAUCO North America - Bennettsville, South Carolina (MDF)

05-23

05-23

CERTIFICATE URL:

[https://www.arb.ca.gov/toxics/compwood/naf\\_ulef/n145.pdf](https://www.arb.ca.gov/toxics/compwood/naf_ulef/n145.pdf)

CERTIFICATION AND COMPLIANCE NOTES:

### FORMALDEHYDE EMISSIONS

### CARB ULEF Executive Order N-16-132 Vesta - Sault Ste. Marie, ON

CERTIFYING PARTY: Third Party

ISSUE DATE: 2016-

EXPIRY DATE: 2018-

CERTIFIER OR LAB: California Air Resources Board

APPLICABLE FACILITIES: ARAUCO North America - Sault Ste. Marie, Ontario

11-01

11-01

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

**FORMALDEHYDE EMISSIONS**

**CARB ULEF Executive Order N-16-126 Vesta - St. Stephen, NB (MDF)**

CERTIFYING PARTY: Third Party	ISSUE DATE:2016-07-15	EXPIRY DATE: 2018-07-15	CERTIFIER OR LAB: California Air Resources Board
APPLICABLE FACILITIES:			
CERTIFICATE URL: <a href="https://www.arb.ca.gov/toxics/compwood/naf_ulef/n126.pdf">https://www.arb.ca.gov/toxics/compwood/naf_ulef/n126.pdf</a>			

CERTIFICATION AND COMPLIANCE NOTES:

**COMPOSITE WOOD**

**ECC - Eco-certified Composite Grademark Program - Malvern, AR**

CERTIFYING PARTY: Third Party	ISSUE DATE:2016-05-08	EXPIRY DATE:	CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America - Malvern, Arkansas			
CERTIFICATE URL: <a href="https://www.arauco.cl/na/sostenibilidad/certificaciones/">https://www.arauco.cl/na/sostenibilidad/certificaciones/</a>			

CERTIFICATION AND COMPLIANCE NOTES: Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites (ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120  
 SCOPE OF CERTIFICATION: MDF. Eco-attributes: Carbon Footprint; Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content,Responsible Wood Sourcing.

**COMPOSITE WOOD**

**ECC - Eco-certified Composite Grademark Program - Bennettsville, SC (MDF)**

CERTIFYING PARTY: Third Party	ISSUE DATE:2016-05-18	EXPIRY DATE:	CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America - Bennettsville, South Carolina (MDF)			
CERTIFICATE URL: <a href="https://www.arauco.cl/na/sostenibilidad/certificaciones/">https://www.arauco.cl/na/sostenibilidad/certificaciones/</a>			

CERTIFICATION AND COMPLIANCE NOTES: Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites (ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120. SCOPE OF CERTIFICATION: MDF.ECO-ATTRIBUTES: Carbon Footprint; Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content, Responsible Wood Sourcing.

**COMPOSITE WOOD**

**ECC - Eco-certified Composite Grademark Program - Sault Ste. Marie, ON**

CERTIFYING PARTY: Third Party	ISSUE DATE:2016-05-19	EXPIRY DATE:	CERTIFIER OR LAB: Composite Panel Association
APPLICABLE FACILITIES: ARAUCO North America - Sault Ste. Marie, Ontario			
CERTIFICATE URL: <a href="https://www.arauco.cl/na/sostenibilidad/certificaciones/">https://www.arauco.cl/na/sostenibilidad/certificaciones/</a>			

CERTIFICATION AND COMPLIANCE NOTES: Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites (ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120  
 SCOPE OF CERTIFICATION: MDF. ECO-ATTRIBUTES: Carbon Footprint; Recycled, Recovered or Post-Consumer Fiber Content; Responsible Wood Sourcing.

**COMPOSITE WOOD**

**ECC - Eco-certified Composite Grademark Program - St. Stephen, NB (MDF)**



CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2016-05-</b>	EXPIRY DATE:	CERTIFIER OR LAB: <b>Composite Panel Association</b>
APPLICABLE FACILITIES: <b>ARAUCO North America - St. Stephen, New Brunswick (MDF)</b>	<b>19</b>		
CERTIFICATE URL: <a href="https://www.arauco.cl/na/sostenibilidad/certificaciones/">https://www.arauco.cl/na/sostenibilidad/certificaciones/</a>			

CERTIFICATION AND COMPLIANCE NOTES: **Has Completed and Fulfilled the Requirements of: CPA 4-11 Eco-Certified Composites (ECC) Sustainability Standard and California Air Resources Board (CARB) Airborne Toxic Control Measure (ATCM) 93120 SCOPE OF CERTIFICATION: Thin MDF. ECO-ATTRIBUTES: Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content; Responsible Wood Sourcing.**

<b>MANAGEMENT</b>	<b>ISO 14001 – Environmental Management System and OHSAS 18001 – Safety Management System</b>
-------------------	---

CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2017-12-</b>	EXPIRY DATE: <b>2020-</b>	CERTIFIER OR LAB: <b>Lloyd's Register Quality Assurance</b>
APPLICABLE FACILITIES: <b>Bennettsville, SC; Fort Mill, SC; Eugene, OR; Albany, OR; Malvern, AR; Sault Ste. Marie, ON; St. Stephen, NB; Moncure, NC; Biscoe, NC</b>	<b>21</b>	<b>12-20</b>	
CERTIFICATE URL: <a href="https://www.arauco.cl/na/sostenibilidad/certificaciones/">https://www.arauco.cl/na/sostenibilidad/certificaciones/</a>			

CERTIFICATION AND COMPLIANCE NOTES: **Lloyd's Register Quality Assurance approved the above facilities to the ISO 14001:2004 and OHSAS 18001:2007 Management Systems. These Management Systems are applicable to the manufacturer of a diverse line of composite panel products.**

<b>OTHER</b>	<b>Forest Stewardship Council® - FSC Chain of Custody and Controlled Wood</b>
--------------	---

CERTIFYING PARTY: <b>Third Party</b>	ISSUE DATE: <b>2013-09-</b>	EXPIRY DATE: <b>2018-</b>	CERTIFIER OR LAB: <b>Rainforest Alliance</b>
APPLICABLE FACILITIES: <b>As a multi-site certificate, the activities and products included in the scope of this certificate are performed by a network of participating sites (all ARAUCO NA manufacturing facilities). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents and must be stated on the customer PO in order to receive as such.</b>	<b>23</b>	<b>09-22</b>	
CERTIFICATE URL: <a href="https://www.arauco.cl/na/sostenibilidad/certificaciones/">https://www.arauco.cl/na/sostenibilidad/certificaciones/</a>			

CERTIFICATION AND COMPLIANCE NOTES: **Certificate Type: Multi-site Chain of Custody and Controlled Wood; Standard(s): FSC-STD-40-003 V1-0; FSC-STD-40-004 V2-1; FSC-STD-40-005 V2-1; Product group(s): MDF, MDF with laminate; Particleboard, particleboard with laminate; Valid from 23 September 2013 to 22 September 2018; Certificate Registration Code: RA-COC-000444, RA-CW-000444; FSC License Code: FSC-C019364; Certificate Issue Number: IN-2015-1**

## **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.*

## Section 5: General Notes

Ingredient percentages are expressed in terms of dry weight basis and represent average production values across multiple mills. Safety Data Sheets (SDS) in GHS format can be found at [www.arauco.cl/na/](http://www.arauco.cl/na/). ToxServices LLC considered all residuals and impurities identified for the ingredients of this product. Trace levels of diethylene glycol and/or triethanolamine are present in Laminate resins MF and UF and may be present in the final product at levels greater than the 100 ppm (0.01%) assessment threshold. Substrates covered under HPD: Trupan Vesta ULEF, Trupan Vesta Lite ULEF, Trupan VESTA Plus ULEF, Trupan Vesta Custom ULEF, Fibrex VESTA ULEF, Fibrex Vesta Plus ULEF Variations within group: These products are offered in a variety of thickness and panel sizes. Variations within this group include dosing percentages for wood, resin and other additives, due to process variation from mill to mill and optimization of recipes for targeted panel properties. Basis weight of TFL papers varies in decorative offerings. TiO2 is present in white offerings only.

## Section 6: References

### MANUFACTURER INFORMATION

**MANUFACTURER:** Arauco North America  
**ADDRESS:** 400 Perimeter Center Terrace, Suite 750  
**Atlanta GA 30346, USA**  
**WEBSITE:** <https://www.arauco.cl/na/>

**CONTACT NAME:** Kerry Little  
**TITLE:** Corporate Sustainability Manager  
**PHONE:** 506-465-2975  
**EMAIL:** [kerry.little@arauco-na.com](mailto:kerry.little@arauco-na.com)

### 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

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

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### 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 product

**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

---

*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.*