

CLASSIFICATION: 06 00 00 Wood, Plastics, and Composites

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Ultra particleboard has superior face characteristics and product consistency making it suitable for virtually all applications. Manufactured predominantly with softwood, Ultra offers excellent core integrity for enhancing tool life. This product is suitable for cabinets, fixtures, countertops, furniture and door components. Duraflake particleboard is ideal for industrial end uses including cabinets, fixtures and furniture components. Our construction process produces exceptionally smooth faces for a wide range of quality finishes. Complies with formaldehyde emission requirements for particleboard in CPA-ECC-2011, ANSI A208.1 2016 and CCR 93120.2 (CARB Composite Wood ATCM Phase II).

**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**

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**

ARAUCO NA PARTICLEBOARD [ CELLULOSE, MICROCRYSTALLINE NoGS  
MELAMINE-UREA-FORMALDEHYDE (MUF) LT-UNK UNDISCLOSED  
CHEMICAL #1 LT-1 | CAN | MUL UNDISCLOSED CHEMICAL #2 BM-4 UREA  
LT-UNK UNDISCLOSED CHEMICAL #3 NoGS UNDISCLOSED CHEMICAL 4  
LT-P1 | MAM | SKI | RES | END UREA FORMALDEHYDE LT-P1 | RES  
AMMONIUM SULFATE LT-P1 | END AMMONIUM CHLORIDE LT-P1 | MAM |  
EYE | 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: Ultra Standard, Ultra Plus, Ultra Custom, Ultra Door Core, Ultra Mende, Ultra Moisture Resistant (MR), Duraflake Standard, Duraflake Plus, Duraflake High Plus, Duraflake Door Core, Duraflake for Mezzanine Decks (MZ), Duraflake Underlayment (UL). 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: Formaldehyde Emissions Grademark Certification Program - Albany, OR  
Formaldehyde emissions: Formaldehyde Emissions Grademark Certification Program - Moncure, NC (PB)  
Formaldehyde emissions: Formaldehyde Emissions Grademark Certification Program - Bennettsville, SC (PB)  
Formaldehyde emissions: Formaldehyde Emissions Grademark Certification Program - St. Stephen, NB (PB)

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER: SCS Global Services  
VERIFICATION #: qGE-3362

SCREENING DATE: 2017-08-18

PUBLISHED DATE: 2018-01-29

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 PARTICLEBOARD

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

#: 80.0000 - 92.0000 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

#: 2.0000 - 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:

#### UNDISCLOSED CHEMICAL #1

ID: Undisclosed

#: 0.0500 - 0.6000 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 #2**

ID: **Undisclosed**

#: **0.0400 - 0.5000** 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.

**UREA**

ID: **57-13-6**

#: **0.0300 - 1.1000** 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:

**UNDISCLOSED CHEMICAL #3**

ID: **Undisclosed**

#: **0.0005 - 0.0500** 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 4**

ID: **Undisclosed**

#: **0.0002 - 0.0150** 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.

### UREA FORMALDEHYDE

ID: 9011-05-6

#: **0.0000 - 15.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Resin**

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

### AMMONIUM SULFATE

ID: 7783-20-2

#: **0.0000 - 2.3000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Catalyst**

HAZARDS: AGENCY(IES) WITH WARNINGS:

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES:

### AMMONIUM CHLORIDE

ID: 12125-02-9

#: **0.0000 - 0.2000** 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:

*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** **Formaldehyde Emissions Grademark Certification Program - Albany, OR**

CERTIFYING PARTY: Third Party  
ISSUE DATE: 2016-06-07  
EXPIRY DATE:  
CERTIFIER OR LAB: Composite Panel Association  
APPLICABLE FACILITIES: ARAUCO North America- Albany, Oregon  
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>  
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120. SCOPE OF CERTIFICATION: Particleboard (DRC, FRT and IND) (CARB Phase 2 – 0.09 ppm).

**FORMALDEHYDE EMISSIONS** **Formaldehyde Emissions Grademark Certification Program - Moncure, NC (PB)**

CERTIFYING PARTY: Third Party  
ISSUE DATE: 2016-06-09  
EXPIRY DATE:  
CERTIFIER OR LAB: Composite Panel Association  
APPLICABLE FACILITIES: ARAUCO North America- Moncure, North Carolina  
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>  
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120. SCOPE OF CERTIFICATION: Particleboard (DR2 and IN5) (CARB Phase 2 – 0.09 ppm).

**FORMALDEHYDE EMISSIONS** **Formaldehyde Emissions Grademark Certification Program - Bennettsville, SC (PB)**

CERTIFYING PARTY: Third Party  
ISSUE DATE: 2016-06-09  
EXPIRY DATE:  
CERTIFIER OR LAB: Composite Panel Association  
APPLICABLE FACILITIES: ARAUCO NORTH AMERICA- Bennettsville, SC  
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>  
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120; SCOPE OF CERTIFICATION: Particleboard (DR2 and INT) (CARB Phase 2 – 0.09 ppm) Mill

**FORMALDEHYDE EMISSIONS** **Formaldehyde Emissions Grademark Certification Program - St. Stephen, NB (PB)**

CERTIFYING PARTY: Third Party  
ISSUE DATE: 2016-06-09  
EXPIRY DATE:  
CERTIFIER OR LAB: Composite Panel Association  
APPLICABLE FACILITIES: ARAUCO North America - St. Stephen, New Brunswick (Particleboard)  
CERTIFICATE URL: <https://www.arauco.cl/na/sostenibilidad/certificaciones/>  
CERTIFICATION AND COMPLIANCE NOTES: Has Fulfilled The Requirements of: California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120. SCOPE OF CERTIFICATION: Particleboard (IN4, IN5, and IN6) (CARB Phase 2 –

**COMPOSITE WOOD** **ECC - Eco-certified Composite Grademark Program - Albany, OR**

CERTIFYING PARTY: Third Party  
ISSUE DATE:2016-05- EXPIRY DATE: CERTIFIER OR LAB: Composite  
APPLICABLE FACILITIES: ARAUCO North America - Albany, 18 Panel Association  
Oregon  
CERTIFICATE URL:  
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>

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: Particleboard. Eco-attributes: Carbon Footprint; Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content.

**COMPOSITE WOOD** **ECC - Eco-certified Composite Grademark Program - Moncure, NC (PB)**

CERTIFYING PARTY: Third Party  
ISSUE DATE:2016-05- EXPIRY DATE: CERTIFIER OR LAB: Composite  
APPLICABLE FACILITIES: Arauco North America- Moncure, 18 Panel Association  
North Carolina  
CERTIFICATE URL:  
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>

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: Particleboard. 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 (PB)**

CERTIFYING PARTY: Third Party  
ISSUE DATE:2016-05- EXPIRY DATE: CERTIFIER OR LAB: Composite  
APPLICABLE FACILITIES: ARAUCO North America - 19 Panel Association  
Bennettsville, South Carolina  
CERTIFICATE URL:  
<https://www.arauco.cl/na/sostenibilidad/certificaciones/>

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: Particleboard. 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 - St. Stephen, NB (PB)**

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

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: Particleboard ECO-ATTRIBUTES: Locally Sourced Fiber; Recycled, Recovered or Post-Consumer Fiber Content; Responsible Wood Sourcing

CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-12-21	EXPIRY DATE: 2020-12-20	CERTIFIER OR LAB: Lloyd's Register Quality Assurance
APPLICABLE FACILITIES: Bennettsville, SC; Fort Mill, SC; Eugene, OR; Albany, OR; Malvern, AR; Sault Ste. Marie, ON; St. Stephen, NB; Moncure, NC; Biscoe, NC			
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.			

## OTHER Forest Stewardship Council® - FSC Chain of Custody and Controlled Wood

CERTIFYING PARTY: Third Party	ISSUE DATE: 2013-09-23	EXPIRY DATE: 2018-09-22	CERTIFIER OR LAB: Rainforest Alliance
APPLICABLE FACILITIES: 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.			
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.*

No accessories are required for this product.

## 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. HPD covers: Ultra Standard, Ultra Plus, Ultra Custom, Ultra Door

Core, Ultra Mende, Ultra MR, Duraflake Standard, Duraflake Plus, Duraflake High Plus, Duraflake Door Core, Duraflake MZ, Duraflake DL, Duraflake UL. Variations within group: These products are offered in a variety of thickness and panel sizes. Variations in dosing percentages for wood, resin and other additives are inherent due to process variation from mill to mill and optimization of recipes to achieve targeted performance properties of the panels.

## 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.*