

HPD UNIQUE IDENTIFIER: 21966
CLASSIFICATION: 07 42 00 Wall Panels

PRODUCT DESCRIPTION: Fibo Wall Panels are made of 7-layer high quality birch plywood core with a high-pressure laminate surface, and Fibo's patented Aqualock click system, which results in a 100% waterproof wall system for kitchens and bathrooms. Available in a wide variety of colors, grout lines and designs. Standard wall panels are sized 94 31/64" x 24 13/32", and can be mounted directly onto wood or steel studs, existing walls or over ceramic tiles. The Fibo waterproof wall panel system does not require a water vapor barrier or waterproof membrane behind the panels, helping builders and remodelers save on labor and material costs. The strong laminate surface can withstand direct water exposure and large temperature fluctuations. When installed and maintained correctly, panels feature a 25 year warranty for non-residential applications, and a limited lifetime warranty for residential applications. This HPD covers Fibo Wall Panels for Kitchens and Bathrooms in all available colors and patterns.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other

Residuals/Impurities

Residuals/Impurities
Considered in 4 of 4 Materials

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

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances except SC substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

Threshold Disclosed Per

- Material
- Product

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

BIRCH PLYWOOD [SC:BIRCH Not Screened PHENOL FORMALDEHYDE LT-P1 | RES STARCH LT-UNK] DECORATIVE HIGH PRESSURE LAMINATE [SC:KRAFT PAPER Not Screened PHENOL FORMALDEHYDE LT-P1 | RES MELAMINE/FORMALDEHYDE RESIN LT-UNK UNDISCLOSED LT-UNK] ADHESIVE [UNDISCLOSED LT-P1 | RES WATER BM-4 UNDISCLOSED LT-UNK UNDISCLOSED LT-P1] HIGH PRESSURE LAMINATE BACKING [SC:KRAFT PAPER Not Screened PHENOL FORMALDEHYDE LT-P1 | RES]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: BiologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.2, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Substances not "Identified" are those considered proprietary to suppliers.

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: UL/GreenGuard Certified
Sustainable forestry: PEFC International Sustainability Benchmark - from sustainably managed forests Chain of custody from (non-US and non-Canadian sources)
LCA: Environmental Product Declaration (EPD)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-09-28

PUBLISHED DATE: 2020-09-28

EXPIRY DATE: 2023-09-28

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

BIRCH PLYWOOD

#: 82.8000 - 83.9000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Wood or Lumber

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were "Considered", as outlined in Emerging Best Practices. No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Plywood is CARB 2 and TSCA Title VI compliant. FSC License Code: FSC-C001599; Certificate Registration Code: NC-COC-012535.

SC:BIRCH

ID: SC:Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-28

#: 90.0000 - 92.0000

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: Betula sp.

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

Sustainably harvested Baltic Birch. FSC License Code: FSC-C001599. PEFC Certificate No. 03-2/09-2.

PHENOL FORMALDEHYDE

ID: 9003-35-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-28

#: 6.0000 - 7.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Resin is fully cured in the finished product.

STARCH

ID: 9005-25-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-28

#: 2.0000 - 3.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Tensile strength additive

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

DECORATIVE HIGH PRESSURE LAMINATE

#: 12.6000 - 14.2000

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were “Considered”, as outlined in Emerging Best Practices. No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Percent by weight of material and substances reported as range to account for formulation variations of multiple HPL suppliers.

SC:KRAFT PAPER

ID: SC:Bio

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-28

%: 58.0000 - 66.0000 GS: Not Screened RC: UNK NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:
Version: SCBioMats/2018-02-23
Category: Plant-based materials
Identifier: 65996-61-4

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

Kraft paper impregnated with phenolic or melamine resin and pressed together under simultaneous application of heat and high pressure.

PHENOL FORMALDEHYDE

ID: 9003-35-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-28

%: 14.4000 - 25.9000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Resin is fully cured in the finished product.

MELAMINE/FORMALDEHYDE RESIN

ID: 9003-08-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-28

%: 7.7000 - 23.9000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Resin is fully cured in the finished product.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-28

%: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

ADHESIVE

%: 2.1000 - 2.5000

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were "Considered", as outlined in Emerging Best Practices. No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Adhesive used to bind Decorative High Pressure Laminate and High Pressure Laminate Backing to Birch Plywood core.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-09-28**

%: **48.8000 - 48.8000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

WATER

ID: **7732-18-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-09-28**

%: **47.0000 - 48.0000**

GS: **BM-4**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Diluent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-4 was provided by the HPD Builder Tool.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-09-28**

%: **2.0000 - 2.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Activator**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed. Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-09-28**

%: **1.2000 - 1.2000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Activator**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

HIGH PRESSURE LAMINATE BACKING

%: **0.9000 - 1.0000**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Paper or Cardboard**

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were "Considered", as outlined in Emerging Best Practices. No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-09-28**%: **60.0000 - 70.0000**GS: **Not Screened**RC: **UNK**NANO: **No**SUBSTANCE ROLE: **Structure component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Tree-based materials

Identifier: 65996-61-4

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

Kraft paper impregnated with phenolic resin and pressed together under simultaneous application of heat and high pressure.

PHENOL FORMALDEHYDE

ID: 9003-35-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-09-28**%: **30.0000 - 40.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Resin is fully cured in the finished product.

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

UL/GreenGuard Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2020-03-03**

EXPIRY DATE: **2021-02-28**

CERTIFIER OR LAB: **UL Environment**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL: <https://spot.ul.com/main-app/products/catalog/?keywords=fibo>

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building materials are determined compliant in accordance with a Bathroom environment with an air change of 0.72 hr⁻¹ and a loading of 7.50 m2. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1. Includes Certificate Numbers: 164874-410; 164875-410; 164876-410; 164877-410; 164878-410; 164879-410; 164880-410; 164881-410; 164882-410; 164883-410; 164884-410; 164885-410; 164886-410; 164887-410; 164888-410; 164889-410; 164890-410; 164891-410; 164892-410; 164893-410; 164894-410; 164895-410; 164896-410; 164897-410; 164898-410; 164899-410; 164900-410; 164901-410; 164902-410; 164903-410; 164904-410; 164905-410; 164906-410; 164907-410; 164908-410; 164909-410; 164910-410; 164911-410; 164912-410; 164913-410; 164914-410; 164915-410; 164916-410; 164917-410; 164918-410; 164919-410; 164920-410; 164921-410; 164922-410; 164923-410; 164924-410; 164925-410; 164926-410; 164927-410; 164928-410; 164929-410; 164930-410; 164931-410; 164932-410; 164933-410; 164934-410; 164935-410; 164936-410; 164937-410; 164938-410; 164939-410; 164940-410; 164941-410; 164942-410; 164943-410; 164944-410; 164945-410; 164946-410; 164947-410; 164948-410; 164949-410; 164950-410; 164951-410; 164952-410; 164953-410; 164955-410; 164956-410; 164957-410; 164958-410; 164959-410; 164960-410; 164961-410; 164962-410; 164963-410; 164964-410; 164965-410; 164966-410; 164967-410; 164968-410; 164969-410; 164970-410; 164973-410.**

SUSTAINABLE FORESTRY

PEFC International Sustainability Benchmark - from sustainably managed forests Chain of custody from (non-US and non-Canadian sources)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-02-07**

EXPIRY DATE: **2023-10-14**

CERTIFIER OR LAB: **DNV GL Business Assurance**

APPLICABLE FACILITIES: **Industriveien 2, 4580 Lyngdal, Norway**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Certificate No: 2018-SKM-PEFC-274. Conforms to PEFC standard: PEFC ST 2002:2013: Chain of custody of forest based products.**

LCA

Environmental Product Declaration (EPD)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2020-03-17**

EXPIRY DATE: **2025-03-17**

CERTIFIER OR LAB: **The Norwegian EPD Foundation**

APPLICABLE FACILITIES: **Lyngdal, Norway**

CERTIFICATE URL: <https://www.epd-norge.no/bygningsplater/fibo-veggpaneler-article2497-318.html>

CERTIFICATION AND COMPLIANCE NOTES: **Product: Fibo Wall Panels. Program operator: The Norwegian EPD Foundation. Declaration number: NEPD-2105-950-EN. This declaration is based on Product Category Rules: CEN Standard EN 15804 serves as core PCR NPCR 010:2019 Part B for Building boards version 3. Declared unit with option: 1 m2 covering surface of installed wall panel with an thickness of 10.2 mm and an expected lifetime of 20 years, including installation, maintenance and waste treatment at end-of-life.**

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.

FIBO ADHESIVE

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Used for installation of Fibo Wall Panels. Please contact manufacturer if more information is required.

FIBO SEAL

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Used for installation of Fibo Wall Panels. Please contact manufacturer if more information is required.

FIBO SCREWS

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Zinc plated steel screws used for installation of Fibo Wall Panels. Please contact manufacturer if more information is required.

FIBO CLEAN

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for cleaning Fibo Wall Panels. Please contact manufacturer if more information is required.

FIBO WIPES

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Recommended for removing uncured Fibo Seal from Fibo Wall Panels. Please contact manufacturer if more information is required.

FIBO PROFILES

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Various profiles for finishing Fibo Wall Panels. Please contact manufacturer if more information is required.

Section 5: General Notes

Fibo Group is a leading global manufacturer of high-quality waterproof wall panel systems. Established in 1952 and based in Lyngdal, Norway, the company serves residential and commercial customers across the new construction, repair and remodel, and manufactured housing market throughout Scandinavia, Europe, New Zealand, Canada and the United States. It's 100% waterproof wall panel system for kitchen, bath and other wet room applications has been lauded for its eco-friendly, durable and easy to install features and can be seen in numerous high profile buildings. The product was introduced to the U.S. market in 2018 and is sold through distributors. For more information about Fibo and its products in North America, including warranty conditions, please visit: <https://fibosystemusa.com/>.

MANUFACTURER INFORMATION

MANUFACTURER: **Fibo AS**
 ADDRESS: **Industriveien 2**
Lyngdal Agder NO-4580, Norway
 WEBSITE: **www.fibosystemusa.com**

CONTACT NAME: **Steinar Lauvdal**
 TITLE: **Product Development Manager**
 PHONE: **+47 38 34 33 00**
 EMAIL: **sla@fibosystem.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.