



HPD UNIQUE IDENTIFIER: 843531264

CLASSIFICATION: 06 17 33 Wood I-Joists

PRODUCT DESCRIPTION: Nordic I-joists are made with finger-jointed Black Spruce lumber and oriented strand board webs, ensuring consistent quality, superior strength and longer span carrying capacity. Nordic I-joists are available in depths from 7 7/8 to 24 inches, and are used for floor and roof joists.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities Evaluation</p> <p><input checked="" type="radio"/> Completed</p> <p><input type="radio"/> Partially Completed</p> <p><input type="radio"/> Not Completed</p> <p>Explanation(s) provided :</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>For all contents above the threshold, the manufacturer has:</i></p> <p>Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p>Screened <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p>Identified <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>Provided name and CAS RN or other identifier.</i></p>
--	--	--	---

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.

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

NORDIC JOIST | MIXED HARDWOOD/SOFTWOOD BLACK SPRUCE POLYMETHYLENE POLYPHENYL ISOCYANATE **LT-UNK** | CAN | RES | EYE | SKI | MAM **4,4'-DIPHENYLMETHANE DIISOCYANATE** **LT-UNK** | CAN | RES | SKI | EYE | MAM **SLACK WAX** **LT-1** | CAN | MUL | DEV **WATER** **BM-4** **LIMESTONE** **BM-3dg** **UNDISCLOSED** **LT-UNK** **PHENOL-FORMALDEHYDE RESIN** **LT-P1**

Number of Greenscreen BM-4/BM3 contents ... 2
 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-1, LT-P1
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.

Special Conditions applied: [BiologicalMaterial]

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.3, 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: CDPH Standard Method V1.2 (Section 01350/CHPS) - N/A
 Formaldehyde emissions: APA Product Report - PR-E730 Qualified Wood I-Joists with Low Formaldehyde Emissions
 LCA: Environmental Product Declaration (EPD) by UL - Industry Generic Sustainable forestry: FSC Certification - Chain of Custody (COC)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
 Pre-checked for LEED v4.1 Option 1.

<p>Third Party Verified?</p> <p><input checked="" type="radio"/> Yes</p> <p><input type="radio"/> No</p>	<p>PREPARER: Elixir Environmental</p> <p>VERIFIER: Vertima</p> <p>VERIFICATION #: Ute-12681</p>	<p>SCREENING DATE: 2025-02-14</p> <p>PUBLISHED DATE: 2025-02-14</p> <p>EXPIRY DATE: 2028-02-14</p>
--	---	--

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

NORDIC JOIST

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER PRODUCT NOTES: Percent by weight of substances reported as range to account for the various depths available, and due to disclosure preference of suppliers.

MIXED HARDWOOD/SOFTWOOD

ID: **Biological Material**

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **34.0000 - 67.0000** GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
-------------	------------------------	----------

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Mixed Hardwood/Softwood

MATERIAL CONTENT NOTES: OSB supplier states that product contains a variety of Hardwood (e.g. Aspen, Poplar, Black Poplar, Birch) and/or Softwood (e.g. Southern Yellow Pine, Lodgepole Pine, Tamarack, Spruce), but does not include Western Red Cedar. All wood-based materials used have FSC Certification available.

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.

BLACK SPRUCE

ID: **Biological Material**

HAZARD DATA SOURCE: [HPDC Special Conditions Policy](#)

%: **29.9000 - 61.1000** GreenScreen: **Not Required** RC: **None** NANO: **No** MATERIAL ROLE: **Structure component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
-------------	------------------------	----------

Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: Tree-based materials

INGREDIENT DESCRIPTION: Picea mariana

MATERIAL CONTENT NOTES: All wood-based materials used have FSC Certification available.

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.

POLYMETHYLENE POLYPHENYL ISOCYANATE

ID: **9016-87-9**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2025-02-14 13:13:23**

%: **0.4000 - 2.4000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
MAM	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
MAM	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 All Products

SUBSTANCE NOTES: Component of OSB and Adhesives. OSB supplier states that once pressed the wood panels do not contain free or unreacted MDI.

4,4'-DIPHENYLMETHANE DIISOCYANATE

ID: 101-68-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-02-14 13:13:23**

%: **0.2000 - 2.4000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	GHS - New Zealand	Carcinogenicity category 2
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]

MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
EYE	GHS - Korea	H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]
SKI	GHS - Korea	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
MAM	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
MAM	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Korea	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 All Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Cosmetics and Personal Care Products

SUBSTANCE NOTES: Component of OSB and Adhesives. OSB supplier states that once pressed the wood panels do not contain free or unreacted MDI.

SLACK WAX

ID: 64742-61-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2025-02-14 13:13:24

#: **0.3000 - 0.7000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Water resistance**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
DEV	GHS - Australia	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]
CAN	EU - REACH Annex XVII CMRs	Carcinogens: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 All Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Cosmetics and Personal Care Products

SUBSTANCE NOTES:

WATER

ID: 7732-18-5

#: **0.1000 - 0.4000** GreenScreen: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Solvent**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety

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

LIMESTONEID: **1317-65-3**

#: **0.0800 - 0.3000** GreenScreen: **BM-3dg** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Component of various adhesives. GreenScreen Benchmark® assessment score of BM-3dg was provided by the HPD Builder Tool.

UNDISCLOSEDID: **Undisclosed**

#: **0.1000 - 0.3000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Component of various adhesives. 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. (EE-LLV81Q6Y)

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2025-02-14 13:13:24**

%: **0.0500 - 0.3000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025 Red List substances to avoid in Living Building Challenge V4.0 projects

SUBSTANCE NOTES: Component of OSB. Wood I-Joists have been qualified for low formaldehyde emissions following the principles of ISO 12460-4 and AS/NZS 4357.4, and the performance requirements of ASTM D5055 (APA Product Report PR-E730).

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 V1.2 (Section 01350/CHPS) - N/A	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Nordic Structures located in Chibougamau, Quebec, Canada CERTIFICATE URL:	ISSUE DATE: 2025-01-24 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: N/A
CERTIFICATION AND COMPLIANCE NOTES: CDPH testing does not apply to overhead structural elements (exposed, finished, and unfinished ceilings), vertical structural elements (wall panels), structural composite wood included in the flooring, ceiling, wall panels categories. However, LEED requires that composite wood be ULEF or NAF; certificate for low formaldehyde emission level disclosure has been provided in this section.		
FORMALDEHYDE EMISSIONS	APA Product Report - PR-E730 Qualified Wood I-Joists with Low Formaldehyde Emissions	
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: Nordic Structures located in Chibougamau, Quebec, Canada CERTIFICATE URL: https://tinyurl.com/hdnh57sn	ISSUE DATE: 2024-02-23 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: APA - The Engineered Wood Association
CERTIFICATION AND COMPLIANCE NOTES: Certificate for low formaldehyde emission level disclosure.		
LCA	Environmental Product Declaration (EPD) by UL - Industry Generic	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Nordic Structures located in Chibougamau, Quebec, Canada CERTIFICATE URL: https://tinyurl.com/muwsytkj	ISSUE DATE: 2020-07-01 00:00:00 EXPIRY DATE: 2025-07-01 00:00:00	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: Declaration Number: 4788424634.106.1. Industry generic certification for North American wood I-joists. Reference PCR: UL Environment: Product Category Rules for Building-Related Products and Services Part A: Calculation Rules for the Life Cycle Assessment and Requirements on the Project Report, v3.2; Part B: Structural and Architectural Wood Products EPD Requirements, v1.0. Declared Product: North American Wood I-joists; Declared Unit: 1 m of wood I-joist produced in North America (US and CA).		
SUSTAINABLE FORESTRY	FSC Certification - Chain of Custody (COC)	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Nordic Structures located in Chibougamau, Quebec, Canada CERTIFICATE URL: https://tinyurl.com/kb5m3hwj	ISSUE DATE: 2024-03-09 00:00:00 EXPIRY DATE: 2029-03-08 00:00:00	CERTIFIER OR LAB: Preferred by Nature
CERTIFICATION AND COMPLIANCE NOTES: FSC License Code: FSC-C002803. Certificate registration code: NC-COC-003885 NC-CW-003885. Certification scope: Multisite Chain of Custody and Controlled Wood. Products included in certificate scope are: Planks; Woodchips and sawdust; Footing, Glued-laminated, Isolated stud, Cross-laminated timber, Joist; Oriented Strand Board (OSB); Softwood lumber.		

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

MANUFACTURER INFORMATION

MANUFACTURER: **Nordic Structures**
 ADDRESS: **100-1100, Avenue des Canadiens-de-Montréal**
Montréal, Québec H3B 2S2
 COUNTRY: **Canada**

WEBSITE: **www.nordic.ca**
 CONTACT NAME: **Julie Frappier**
 TITLE: **Director, Technical Services**
 PHONE: **514.871.8526**
 EMAIL: **info@nordic.ca**

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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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

