

CLASSIFICATION: 12 52 00 Furnishings: Seating

PRODUCT DESCRIPTION: Coca-Cola and Emeco collaborated to solve an environmental problem: Up-cycling consumer waste into a sustainable, timeless, classic chair. Made of 111 recycled PET bottles, the 111 Navy Chair is a story of innovation. The 111 Navy counter stools and barstools are an engineering accomplishment - the only one-piece stools made from recycled PET, made in the USA and built to stand up to heavy use. Each stool keeps 150 waste bottles out of landfills. The 111 Navy Collection is available in seven colors: Red, Snow, Flint Gray, Grass Green, Beach, Persimmon and Charcoal.

Section 1: Summary

Nested 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

Residuals/Impurities
Considered in 3 of 3 Materials

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

111 NAVY® CHAIR [POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED) (POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED)) LT-UNK SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) (SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)) LT-UNK | CAN COPOLYMER RESIN LT-UNK IMPACT MODIFIER LT-UNK POLYETHYLENE TEREPHTHALATE (PET) (POLYETHYLENE TEREPHTHALATE (PET)) LT-UNK BIS(2,4-DICUMYLPHENYL) NEOPENTYL DIPHOSPHITE (BIS(2,4-DICUMYLPHENYL) NEOPENTYL DIPHOSPHITE) LT-P1 | MUL ANOX 20 (ANOX 20) LT-UNK PIGMENT PLASTICIZER LT-P1 | CAN | END PIGMENT 1 LT-P1 | MUL PIGMENT 2 LT-UNK PIGMENT 3 BM-2 PIGMENT 4 NoGS PIGMENT 5 LT-UNK PIGMENT 6 LT-UNK UV STABILIZER LT-UNK EMULSIFIER LT-UNK SURFACTANT LT-UNK SILICA, AMORPHOUS LT-P1 | CAN TITANIUM DIOXIDE LT-1 | CAN | END] CHAIR GLIDES [UNDISCLOSED LT-UNK POLYMETHYL METHACRYLATE (PMMA) (POLYMETHYL METHACRYLATE (PMMA)) LT-P1 | RES ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER LT-UNK UNDISCLOSED NoGS] GLIDE FASTENERS [STAINLESS STEEL NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen
Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1, 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. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1). Substances not "Identified" are those considered proprietary to suppliers, and are thus "Undisclosed" on this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Intertek ETL Environmental VOC+

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: 2017-10-24

PUBLISHED DATE: 2018-05-10

EXPIRY DATE: 2020-10-24



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

111 NAVY® CHAIR

#: 99.1000 - 99.3000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Material represents body of 111 Navy® Chairs and 111 Navy® Stools. Percent by weight of substances given as range due to various seating options (Chairs, Stools) and colors available.

POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED) (POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED))

ID: 25038-59-9

#: 58.0000 - 72.0000

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Chair/Stool Body Substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Supplier letter confirms use of Post-Consumer Recycled PET, as purchased from wholesalers of curbside and redemption center recycled supply streams.

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

ID: 65997-17-3

#: 19.0000 - 29.5000

GS: LT-UNK

RC: None

NANO: No

ROLE: Increased Strength

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Percent disclosed as range due to differences in formulation of 111 Navy Chairs and 111 Navy Barstools/Counter Stools.

COPOLYMER RESIN

ID: Undisclosed

#: 2.0000 - 8.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Copolymer Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

IMPACT MODIFIERID: **Undisclosed**%: **1.0000 - 5.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Impact Modifier**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

POLYETHYLENE TEREPHTHALATE (PET) (POLYETHYLENE TEREPHTHALATE (PET))ID: **25038-59-9**%: **0.2000 - 1.4000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Pigment Carrier Resin**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BIS(2,4-DICUMYLPHENYL) NEOPENTYL DIPHOSPHITE (BIS(2,4-DICUMYLPHENYL) NEOPENTYL DIPHOSPHITE)ID: **154862-43-8**%: **0.1000 - 0.2000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Antioxidant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Substance encapsulated in resin of finished product.

ANOX 20 (ANOX 20)ID: **6683-19-8**%: **0.1000 - 0.5000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Antioxidant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

in resin of finished product.

PIGMENT PLASTICIZER

ID: **Undisclosed**

#: **0.0000 - 0.7000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US EPA - IRIS Carcinogens

(1986) Group C - Possible human Carcinogen

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists with results disclosed.

PIGMENT 1

ID: **Undisclosed**

#: **0.0000 - 0.6000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESTRICTED LIST

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists with results disclosed.

PIGMENT 2

ID: **Undisclosed**

#: **0.0000 - 0.4000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists with results disclosed.

PIGMENT 3

ID: **Undisclosed**

#: **0.0000 - 0.3000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists with results disclosed.

PIGMENT 4ID: **Undisclosed**

%: 0.0000 - 0.2000	GS: NoGS	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-----------------	-----------------	-----------------	---

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PIGMENT 5ID: **Undisclosed**

%: 0.0000 - 0.2000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-------------------	-----------------	-----------------	---

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PIGMENT 6ID: **Undisclosed**

%: 0.0000 - 0.2000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-------------------	-----------------	-----------------	---

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

UV STABILIZERID: **Undisclosed**

%: 0.0000 - 0.2000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-------------------	-----------------	-----------------	---

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

EMULSIFIERID: **Undisclosed**

%: 0.0000 - 0.2000	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigments and Related Additives
---------------------------	-------------------	-----------------	-----------------	---

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern). Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists with results disclosed.

SURFACTANT

ID: **Undisclosed**

#: **0.0000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigments and Related Additives**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance encapsulated in resin of finished product. Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists with results disclosed.

SILICA, AMORPHOUS

ID: **7631-86-9**

#: **Impurity/Residual** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	Japan - GHS Carcinogenicity - Category 1A

SUBSTANCE NOTES: Impurity/Residual of SOLID GLASS and GLASS / MINERAL FIBER (Reactant; Integral (known); Percent Unknown) as predicted by process chemistry (Pharos CML). Substance encapsulated in resin of finished product.

TITANIUM DIOXIDE

ID: **13463-67-7**

#: **0.0000 - 2.7000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	US CDC - Occupational Carcinogens Occupational Carcinogen
CANCER	MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List. Substance encapsulated in resin of finished product. Form-specific hazards: airborne particles of respirable size – occupational setting. Specific guidelines are being created to address known issues related to transparency and disclosure for several materials (“Special Conditions”), including those with Form-Specific Hazards

such as Titanium Dioxide. This HPD will be updated as appropriate when these guidelines become available. The Material Health Harmonization Task Group convened by the USGBC states that pigmentary titanium dioxide was "determined to be Benchmark 2 using the full GS (GreenScreen) method" (<http://ow.ly/Z5ken>).

CHAIR GLIDES

?: 0.5000 - 0.6000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: 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 supplier SDS and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Glides are co-injected ABS/TPU with no added colorants.

?: 35.0000 - 40.0000 GS: LT-UNK RC: None NANO: No ROLE: TPU Component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

POLYMETHYL METHACRYLATE (PMMA) (POLYMETHYL METHACRYLATE (PMMA))

ID: 9011-14-7

?: 28.0000 - 33.0000 GS: LT-P1 RC: None NANO: No ROLE: Thermoplastic Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER

ID: 9003-56-9

?: 16.0000 - 21.0000 GS: LT-UNK RC: None NANO: No ROLE: Impact Resistance

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance falls below the Content Inventory Threshold indicated for the finished product.

?: 5.0000 - 10.0000 GS: NoGS RC: None NANO: No ROLE: TPU Component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

GLIDE FASTENERS

%: 0.2000 - 0.3000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: 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, as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Fasteners used to attach Chair Glides to Chair/Stool body.

STAINLESS STEEL

ID: 12597-68-1

%: 100.0000 - 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Hardware

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: 18-8 Stainless Steel. This substance is considered essentially inert for the purposes of Pharos toxics scoring (Pharos CML). This substance falls below the Content Inventory Threshold indicated for 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

Intertek ETL Environmental VOC+

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **Intertek**

APPLICABLE FACILITIES: **Hanover, PA 17331**

04-27

CERTIFICATE URL:

<http://www.intertek.com/directories/environmental-sustainability-solutions/etl-voc/>

CERTIFICATION AND COMPLIANCE NOTES: **Conforms to the ANSI/ BIFMA X7.1-2011 Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture Systems and Seating, ANSI/ BIFMA M7.1-2011 Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components and Seating, and ANSI/ BIFMA e3-2014e Furniture Sustainability Standard Credits 7.6.1, 7.6.2 and 7.6.3 Low Emitting Furniture for Office Furniture Systems and Components emission criteria. Credit 7.6.3 demonstrates compliance to California Department of Public Health (CDPH) Standard Method v1.2 01350 (2017).**

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

We make chairs. In America. Often by hand. Mostly from recycled stuff. But always to last. www.emeco.net



MANUFACTURER INFORMATION

MANUFACTURER: **emeco**

ADDRESS: **805 Elm Avenue**

Hanover PA 17331, USA

WEBSITE: **http://www.emeco.net**

CONTACT NAME: **Gregg Buchbinder**

TITLE: **CEO**

PHONE: **(717) 637-5951**

EMAIL: **gregg@emeco.net**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

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

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other 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.