

CLASSIFICATION: 08810

PRODUCT DESCRIPTION: DYNAMIC GLASS IS AN IGU PRODUCT, CONTAINING AN ELECTROCHROMIC LAYER ON ONE SURFACE OF THE GLASS, WHICH TINTS WHEN AN ELECTRICAL CURRENT IS APPLIED. THERE ELECTROCHROMIC LAYER IS DEPOSITED VIA A VACUUM-BASED PHYSICAL VAPOR DEPOSITION PROCESS. THE OTHER COMPONENTS IN THE IGU INCLUDE UNCOATED GLASS, A FOAM SPACER, SEALANT, WIRING, AND ARGON GAS. THE FUNCTION OF THE DYNAMIC GLASS PRODUCT IS TO PROVIDE A TRANSPARENT SURFACE ON THE EXTERIOR OR A BUILDING THAT IS ABLE TO TINT IN RESPONSE TO OUTDOOR CONDITIONS, PROVIDING COMFORT AND EFFICIENCY TO BUILDING OCCUPANTS WHILE MAINTAINING VIEWS OF THE OUTDOOR ENVIRONMENT.

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 7 of 7 materials
<input type="radio"/> 100 ppm	<input type="radio"/> see Section 2:
<input checked="" type="radio"/> 1,000 ppm	Material Notes
<input type="radio"/> Per GHS SDS	<input checked="" type="radio"/> see Section 5:
<input type="radio"/> Per OSHA MSDS	General Notes
<input type="radio"/> Other	

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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

FLAT GLASS [SOLID / PLATE GLASS **LT-UNK**] BLACK SILICONE [SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED **BM-2** CALCIUM CARBONATE **BM-3** QUARTZ **LT-1** | CAN CYCLOMETHICONE **LT-UNK**] SUPER T-SPACER [UNDISCLOSED **LT-UNK** | PBT UNDISCLOSED **LT-UNK** | MUL | PBT UNDISCLOSED **LT-P1** | DEV | PBT | MUL] ARGON GAS [ARGON **LT-UNK**] SILICONE CURING AGENT [POLYDIMETHYLSILOXANES **LT-P1** | PBT METHYLTRIMETHOXYSILANE **BM-1** GLYCIDOXYPROPYLTRIMETHOXYSILANE AND METHYLTRIMETHOXYSILANE **LT-UNK** CARBON BLACK **LT-1** | CAN SILANE, DICHLORODIMETHYL-, REACTION PRODUCTS WITH SILICA **LT-UNK** (3-AMINOPROPYL)TRIETHOXYSILANE **LT-UNK** | MAM | SKI STANNANE, DIMETHYLBIS[(1-OXONEODECYL)OXY]- **LT-UNK** METHANOL **BM-1** | MAM | DEV | END | MUL | REP | PHY] PIGTAIL CABLE ASSEMBLY [POLYVINYL CHLORIDE (PVC) **LT-P1** | RES HIGH-IMPACT POLYSTYRENE **LT-UNK** BRASS **NoGS** COPPER **LT-UNK**] GLASS COATING [TUNGSTEN METAL **LT-UNK** NICKEL **LT-1** | MAM | CAN | SKI | AQU | RES | MUL LITHIUM **LT-P1** | SKI | MUL | REP | PHY DIINDIUM TRIOXIDE **LT-P1** TIN OXIDE **LT-UNK**]

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

INVENTORY AND SCREENING NOTES:

This product has been fully screened. Several CAS numbers were unavailable in the HPD database, but have been screened manually and have no associated hazards. Additionally, several proprietary substances were screened by the supplier against the relevant hazard lists, and these hazards have been manually added to this HPD. Residuals were considered for all materials and added where they were present above the stated disclosure threshold. The scope of this HPD is all Dynamic Glass products produced by View, Inc.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

LCA: Environmental Product Declaration

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: June 14, 2017	EXPIRY DATE*: June 14, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: June 22, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

FLAT GLASS

%: 92.3660

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Flat glass comprises the bulk of the product. Residuals are considered and are below the disclosure threshold.

SOLID / PLATE GLASS

ID: 65997-17-3

%: 100.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Structural Glass

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The range does not vary and this substance comprises the entire material.

BLACK SILICONE

%: 5.4100

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Silicone used as sealant in the product. Residuals are considered and are below the disclosure threshold.

SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED

ID: 70131-67-8

%: 50.0000 - 60.0000

GS: BM-2

RC: None

NANO: NO

ROLE: Base Sealant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

CALCIUM CARBONATE

ID: 471-34-1

%: 40.0000 - 50.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

QUARTZ

ID: 14808-60-7

%: 0.0000 - 1.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Filler
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

CYCLOMETHICONE

ID: 69430-24-6

%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Additive
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

SUPER T-SPACER

%: 0.9800

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Spacer used to separate glass lites. Residuals are considered and are below the disclosure threshold.

UNDISCLOSED

%: 30.0000 - 50.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Filler
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
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SUBSTANCE NOTES: This substance is considered proprietary and is undisclosed but was screened against the HPD Hazard lists; the associated hazards are disclosed above.

UNDISCLOSED

%: 30.0000 - 50.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Desiccant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: This substance is considered proprietary and is undisclosed but was screened against the HPD Hazard lists; the associated hazards are disclosed above.

UNDISCLOSED

%: 30.0000 - 50.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

DEVELOPMENTAL

MAK

Pregnancy Risk Group B

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: This substance is considered proprietary and is undisclosed but was screened against the HPD Hazard lists; the associated hazards are disclosed above.

ARGON GAS

%: 0.6360

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Argon gas used to fill the IGU cavity. Residuals are considered and are below the disclosure threshold.

ARGON

ID: 7440-37-1

%: 100.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: IGU Desiccant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance range does not vary.

SILICONE CURING AGENT

%: 0.2570

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Curing Agent for Base Silicone. Residuals are considered and are below the disclosure threshold.

POLYDIMETHYLSILOXANES

ID: 63148-62-9

%: 50.0000 - 60.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Polymeric Silicone

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

PBT

EC - CEPA DSL

Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

METHYLTRIMETHOXYSILANE

ID: 1185-55-3

%: 10.0000 - 20.0000

GS: BM-1

RC: None

NANO: NO

ROLE: Crosslinker

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

GLYCIDOXYPROPYLTRIMETHOXYSILANE AND METHYLTRIMETHOXYSILANE

ID: 474530-85-3

%: 10.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

CARBON BLACK

ID: 1333-86-4

%: 10.0000 - 20.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

SILANE, DICHLORODIMETHYL-, REACTION PRODUCTS WITH SILICA

ID: 68611-44-9

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Reactant

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

(3-AMINOPROPYL)TRIETHOXSILANE

ID: 919-30-2

%: 1.0000 - 3.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

SKIN IRRITATION

EU - R-phrases

R34 - Causes burns

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

STANNANE, DIMETHYLBIS[(1-OXONEODECYL)OXY]-

ID: 68928-76-7

%: 0.0000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

METHANOL

ID: 67-56-1

%: 0.0000 - 1.0000

GS: BM-1

RC: None

NANO: NO

ROLE: Additive

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN

EU - R-phrases

R23 - Toxic by Inhalation (gas, vapour, dust/mist)

MAMMALIAN

EU - R-phrases

R24 - Toxic in Contact with Skin

MAMMALIAN

EU - R-phrases

R25 - Toxic if Swallowed

ORGAN TOXICANT

EU - R-phrases

R39 - Danger of very serious irreversible effects

DEVELOPMENTAL

CA EPA - Prop 65

Developmental toxicity

DEVELOPMENTAL

US NIH - Reproductive & Developmental Monographs

Clear Evidence of Adverse Effects - Developmental Toxicity

MAMMALIAN

EU - GHS (H-Statements)

H301 - Toxic if swallowed

MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
ORGAN TOXICANT	EU - GHS (H-Statements)	H370 - Causes damage to organs
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1B
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

PIGTAIL CABLE ASSEMBLY

%: 0.2490

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Pigtail cable assembly used to connect product. Residuals are considered and are below the disclosure threshold.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 35.0000 - 40.0000 GS: LT-P1 RC: None NANO: NO ROLE: Wire Jacket

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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

SUBSTANCE NOTES: Substance used as jacketing for the wire in the pigtail assembly

HIGH-IMPACT POLYSTYRENE

ID: 9003-55-8

%: 20.0000 - 30.0000 GS: LT-UNK RC: None NANO: NO ROLE: Plastic Jacket

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance used as plastic shell in pigtail assembly

BRASS

ID: 12597-71-6

%: 15.0000 - 20.0000 GS: NoGS RC: None NANO: NO ROLE: Screw and Contact Terminals

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance used as screws and contact terminals

COPPER

ID: 7440-50-8

%: 15.0000 - 20.0000 GS: LT-UNK RC: None NANO: NO ROLE: Conductor

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance is used as the conductor in the wire.

GLASS COATING

%: 0.0000 - 0.0500

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Composition presented as a range to protect proprietary recipe. Residuals are considered and are below the disclosure threshold.

TUNGSTEN METAL

ID: 7440-33-7

%: 0.0000 - 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Electrochromic Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.

NICKEL

ID: 7440-02-0

%: 0.0000 - 100.0000 GS: LT-1 RC: None NANO: NO ROLE: Electrochromic Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.

LITHIUM

ID: 7439-93-2

%: 0.0000 - 100.0000 GS: LT-P1 RC: None NANO: NO ROLE: Electrochromic Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	New Zealand - GHS	6.8A - Known or presumed human reproductive or developmental toxicants
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.

DIINDIUM TRIOXIDE

ID: 1312-43-2

%: 0.0000 - 100.0000 GS: LT-P1 RC: None NANO: NO ROLE: Electrochromic Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.

TIN OXIDE

ID: 1332-29-2

%: 0.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Electrochromic Coating

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.



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.

LCA

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Olive Branch, MS

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: No public EPD link available. Document will be provided upon request.

Environmental Product Declaration

ISSUE DATE:
2017-12-06

EXPIRY DATE:
2022-12-05

CERTIFIER OR LAB: UL
Environment



Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.



Section 5: General Notes

This Health Product Declaration was developed by Sustainable Solutions Corporation of Royersford, PA.



MANUFACTURER INFORMATION

MANUFACTURER: View Inc.

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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

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

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

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

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.