

CLASSIFICATION: 09 60 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Forest Rx/Strait Rx/Cosmos Rx/Infinity Rx is made by fusing Ecore's 5mm recycled rubber backing to a vinyl wear layer. These products are revolutionizing the flooring industry, providing sound control, improved ergonomics, and helping to prevent the severity of injury associated with falls. Bounce 2 features a synthetic wood-grain surface that is fusion bonded to a 5mm recycled rubber backing. The result is beautiful flooring that looks like real wood designed for fitness facilities.

Section 1: Summary

Nested Method / Material 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

Percent Weight and Role Provided?

- Yes
- No

Screened

Using Priority Hazard Lists with Results Disclosed?

- Yes
- No

Identified

Name and Identifier Provided?

- Yes
- No

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

[MATERIAL](#) | [SUBSTANCE](#) | [RESIDUAL OR IMPURITY](#)

[GREENSCREEN SCORE](#) | [HAZARD TYPE](#)

RUBBER BACKING [STYRENE BUTADIENE RUBBER (POST-CONSUMER) **LT-UNK**
 POLYURETHANE **LT-UNK** ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) **LT-UNK**
 WATER **BM-4**] VINYL WEAR LAYER [POLYVINYL CHLORIDE (PVC) **LT-P1** | RES DIOCTYL
 TEREPHTHALATE (DOTP) **NoGS** LIMESTONE; CALCIUM CARBONATE **LT-UNK** (C4-C13)
 BRANCHED ALKYL ALCOHOLS, PHTHALIC ANHYDRIDE ESTER **NoGS** GLASS / MINERAL
 FIBER **LT-UNK** | CAN PHOSPHATE **NoGS** INKS & PASTE **UNK** POLYURETHANE **LT-UNK** ZINC
 STEARATE **LT-P1** TITANIUM DIOXIDE **LT-1** | CAN | END EPOXIDIZED SOYBEAN OIL **LT-UNK**
 CALCIUM SOAPS OF FATTY ACIDS MADE FROM OXIDIZED PETROLATUM **NoGS** ZINC OXIDE
BM-1 | AQU | RES | MUL OCTHILINONE **LT-P1** | MAM | SKI | AQU | MUL] ADHESIVE [
 ETHYLENE VINYL ACETATE POLYMER (EVA) **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:

Not all substances are screened using the Priority Hazard Lists (see Section 1) because the manufacturer of the vinyl wear layer did not disclose specifics on the Inks and Pastes in their product. Due to this lack of information, we could not add a CAS Registry Number to be screened.

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: FloorScore®
 Recycled content: Recycled Content
 LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-12-13

PUBLISHED DATE: 2017-12-13

EXPIRY DATE: 2020-12-13

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

RUBBER BACKING

%: 59.0000

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Material is estimated to have no residuals/impurities over 100 ppm based off supplier information.

OTHER MATERIAL NOTES: Product backing

STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

%: 79.0000 - 79.0000 GS: LT-UNK RC: PostC NANO: No ROLE: Substrate/primary ingredient for Rubber Backing

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Main component in the backing of this product. Mixed with binder, water, and foamed EPDM to form product backing.

POLYURETHANE

ID: 64440-88-6

%: 10.0000 - 10.0000 GS: LT-UNK RC: None NANO: No ROLE: Binder

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Combined with foamed EPDM, water, and recycled rubber to form backing.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

%: 10.0000 - 10.0000 GS: LT-UNK RC: PreC NANO: No ROLE: Pliability

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Foamed EPDM. Combined with binder, water, and recycled rubber to form the product backing.

WATER

ID: 7732-18-5

%: 1.0000 - 1.0000 GS: BM-4 RC: None NANO: No ROLE: Catalyst that starts the polyurethane reaction

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Combined with binder, recycled rubber, and foamed EPDM to form product backing.

VINYL WEAR LAYER

%: 40.0000

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

OTHER MATERIAL NOTES: Product vinyl wear layer

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: 55.0000 - 60.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Binder
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HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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SUBSTANCE NOTES: SPVC Binder. Combined with DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhilinone to form vinyl wear layer.

DIOCTYL TEREPHTHALATE (DOTP)

ID: 4654-26-6

#: 15.0000 - 24.0000	GS: NoGS	RC: None	NANO: No	ROLE: Plasticiser
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HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: DOTP Plasticiser. Combined with SPVC, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhilinone to form vinyl wear layer.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 15.0000 - 20.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Whiting
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HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticiser, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhilinone to form vinyl wear layer.

(C4-C13) BRANCHED ALKYL ALCOHOLS, PHTHALIC ANHYDRIDE ESTER

ID: 68951-39-3

#: 4.0000 - 5.0000	GS: NoGS	RC: None	NANO: No	ROLE: Coalescent
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HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Ester Alcohol. Combined with SPVC, DOTP Plasticiser, Limestone, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhilinone to form vinyl wear layer.

GLASS / MINERAL FIBER

ID: 65997-17-3

#: 2.5000 - 3.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Reinforcer
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HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
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CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
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SUBSTANCE NOTES: Fiberglass mat. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhilinone to form vinyl wear layer.

PHOSPHATE

ID: 14265-44-2

%: 2.5000 - 3.0000	GS: NoGS	RC: None	NANO: No	ROLE: Fire Retarder
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: Phosphate 141. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhiline to form vinyl wear layer.				
INKS & PASTE				ID: Undisclosed
%: 1.4000 - 2.0000	GS: UNK	RC: None	NANO: No	ROLE: Pigment
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: CAS NO of inks and paste not disclosed by manufacturer so this cannot be screened. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhiline to form vinyl wear layer.				
POLYURETHANE				ID: 64440-88-6
%: 0.9000 - 1.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Coating
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: PUR Acrylic. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhiline to form vinyl wear layer.				
ZINC STEARATE				ID: 557-05-1
%: 0.6000 - 1.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Stabilizer
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: Ca Zn Soap. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, ESBO, Calcium soap, Zinc Oxide, and Octhiline to form vinyl wear layer.				
TITANIUM DIOXIDE				ID: 13463-67-7
%: 0.5000 - 0.6000	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: White Titania. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, Zinc Oxide, and Octhiline to form vinyl wear layer.				
EPOXIDIZED SOYBEAN OIL				ID: 8013-07-8
%: 0.2000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Stabilisers

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

SUBSTANCE NOTES: ESPO. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, Calcium soap, Zinc Oxide, and Octhilinone to form vinyl wear layer.

CALCIUM SOAPS OF FATTY ACIDS MADE FROM OXIDIZED PETROLATUM

ID: 68425-34-3

%: **0.2000 - 0.5000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Stabiliser**

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

SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Zinc Oxide, and Octhilinone to form vinyl wear layer.

ZINC OXIDE

ID: 1314-13-2

%: **0.2000 - 0.5000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Biocide**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
ACUTE AQUATIC	EU - R-phrases R50 - Very Toxic to Aquatic Organisms
RESPIRATORY	AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ACUTE AQUATIC	EU - GHS (H-Statements) H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements) H410 - Very toxic to aquatic life with long lasting effects
MULTIPLE	German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, and Octhilinone to form vinyl wear layer.

OCTHILINONE

ID: 26530-20-1

%: **0.2000 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Biocide**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
MAMMALIAN	EU - R-phrases R22 - Harmful if Swallowed
MAMMALIAN	EU - R-phrases R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases R24 - Toxic in Contact with Skin
SKIN IRRITATION	EU - R-phrases R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases R50 - Very Toxic to Aquatic Organisms
ACUTE AQUATIC	EU - GHS (H-Statements) H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements) H410 - Very toxic to aquatic life with long lasting effects
MAMMALIAN	EU - GHS (H-Statements) H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements) H314 - Causes severe skin burns and eye damage
MAMMALIAN	EU - GHS (H-Statements) H331 - Toxic if inhaled
MULTIPLE	German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters
SKIN SENSITIZE	MAK Sensitizing Substance Sh - Danger of skin sensitization
SKIN SENSITIZE	EU - GHS (H-Statements) H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: Oothilinone. Combined with SPVC, DOTP Plasticiser, Limestone, Ester Alcohol, Fiberglass Mat, Phosphate 141, Ink, Paste, White Titania, PUR Acrylic, CA ZN Soap, ESBO, Calcium soap, and Zinc Oxide to form vinyl wear layer.

ADHESIVE

#: 1.0000

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Material is estimated to have no residuals/impurities over 100 ppm based off supplier information.

OTHER MATERIAL NOTES: Adhesive to fusion bond the vinyl wear layer to the product backing.

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

#: 100.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Adhesive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Used to fusion bond the rubber backing and the vinyl wear layer

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

FloorScore®

CERTIFYING PARTY: Third Party

ISSUE DATE: 2016-01-01

EXPIRY DATE:

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: All

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/ECORE_2015_SCS-FS-03173_s.pdf

CERTIFICATION AND COMPLIANCE NOTES: Conforms to the CDPH/EHLB Standard Method v1.1-2010 (effective January 1, 2012) for the school classroom and private office parameters when modeled as Flooring.

RECYCLED CONTENT

Recycled Content

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2015-12-19

EXPIRY DATE:

CERTIFIER OR LAB: Ecore

APPLICABLE FACILITIES: All

OR LAB:

CERTIFICATE URL:

http://maxcdn.ecoreintl.com/marketing/ecore/files/LEEDv4_Forest%20Rx,%20Strait%20Rx,%20Cosmos%20Rx,%20Infinity%20Rx.pdf

CERTIFICATION AND COMPLIANCE NOTES: Forest Rx/Strait Rx/Cosmos Rx/Infinity Rx/Bounce 2 is comprised of 65% postconsumer recycled content

LCA

Environmental Product Declaration

CERTIFYING PARTY: Third Party

ISSUE DATE: 2015-04-01

EXPIRY DATE: 2020-03-31

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: All

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/LCS_EPD_ECORE_ForestRx_040115.pdf

CERTIFICATION AND COMPLIANCE NOTES: Product Category Rule (PCR) for preparing an Environmental Product Declaration (EPD) for Flooring: Carpet, Resilient, Laminate, Ceramic, Wood. NSF International. Version 2. 2014.

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,

Forest Rx, Strait Rx, Cosmos Rx, Infinity Rx, Bounce 2

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HPD v2.1 created via HPDC Builder Page 6 of 8

E GRIP III

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

E-Grip III is a revolutionary zero-VOC adhesive that is used during flooring installation.

E-CLEANER

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

This cleaner meets Green Seal™ GS-37 standard. This cleaner can be used for initial, daily, and restorative cleaning.

WELD ROD

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Weld Rod is used to during installation to seal the seams between rolls.

Section 5: General Notes

Not all substances are screened using the Priority Hazard Lists (see Section 1) because the manufacturer of the vinyl wear layer did not disclose specifics on the Inks and Pastes in their product. Due to this lack of information, we could not add a CAS Registry Number to be screened.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Ecore International**
ADDRESS: **715 Fountain Ave**
Lancaster Pennsylvania 17601, United States
WEBSITE: **http://ecoreintl.com/**

CONTACT NAME: **Dana Davis**
TITLE: **Marketing Coordinator**
PHONE: **7178248210**
EMAIL: **dana.davis@ecoreintl.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

- | | | |
|---------------------------------------|--|--|
| 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) | LT-1 List Translator Likely Benchmark 1 |
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | NoGS Unknown (no data on List Translator Lists) |
| BM-U Benchmark Unspecified (insufficient data to benchmark) | |

Recycled Types

- PreC** Preconsumer (Post-Industrial)
- PostC** Postconsumer
- Both** Both Preconsumer and Postconsumer
- Unk** Inclusion of recycled content is unknown
- None** Does not include recycled content

Other Terms

Forest Rx, Strait Rx, Cosmos Rx, Infinity Rx, Bounce 2
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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.