

CLASSIFICATION: 09 60 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: This Health Product Declaration covers Ecore's Performance Collection, ECOfit, and ECOrx. These products utilize Ecore's patented itstru technology to fusion bond a rubber and EPDM wear layer to a recycled rubber backing.

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 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

RUBBER BACKING | STYRENE BUTADIENE RUBBER (POST-CONSUMER) | LT-UNK | POLYURETHANE | LT-UNK | ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) | LT-UNK | WATER | BM-4 | WEAR LAYER-RUBBER | POLYURETHANE | LT-UNK | STYRENE BUTADIENE RUBBER (POST-CONSUMER) | LT-UNK | WATER | BM-4 | ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) | LT-UNK | ADHESIVE | ETHYLENE VINYL ACETATE POLYMER (EVA) | LT-UNK]

Number of Greenscreen BM-4/BM3 contents..... 2
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-UNK
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

Variations in the substance and material content of the product wear layer is to account for all color options. Colors range from no color (black) to full color. Large range in the material content of the product backing is to account for different thicknesses of the product backing, ranging from 5mm to 20mm.

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: 2017-12-22
PUBLISHED DATE: 2017-12-22
EXPIRY DATE: 2020-12-22

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

%: 32.0000 - 86.0000

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities considered

OTHER MATERIAL NOTES: Recycled rubber product backing. Large range in material content is to account for different thicknesses of the product backing, ranging from 5mm to 20mm.

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.

WEAR LAYER-RUBBER

#: 14.0000 - 67.0000

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities considered

OTHER MATERIAL NOTES: Large range in material content is to account for different thicknesses of the product.

POLYURETHANE

ID: 64440-88-6

#: 6.3700 - 9.0000

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: Polyurethane Binder. Combined with EPDM, water, and recycled rubber to form wear layer.

STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

#: 4.5700 - 93.0300

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Filler ingredient for WearLayer-Rubber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Large range in material content is to account for all color options. Colors range from no color (black) to full color. Combined with EPDM, water, and binder to form wear layer.

WATER

ID: 7732-18-5

#: 0.1000 - 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 EPDM, recycled rubber, and binder to form wear layer.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

#: 0.0000 - 86.8100

GS: LT-UNK

RC: None

NANO: No

ROLE: Color Chip

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists
SUBSTANCE NOTES: Large range in material content is to account for all color options. Colors range from no color (black) to full color. Combined with recycled rubber, water, and binder to form wear layer.	

ADHESIVE

%: 1.0000

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities considered

OTHER MATERIAL NOTES: Adhesive used to bond the rubber wear layer to recycled rubber 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
APPLICABLE FACILITIES: All	EXPIRY DATE:
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/ECORE_2015_SCS-FS-01793_s.pdf	CERTIFIER OR LAB: SCS Global Services
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: 2015-04-19
APPLICABLE FACILITIES: All	EXPIRY DATE:
CERTIFICATE URL: http://cdn.ecoreintl.com/marketing/ecosurfaces/leed/LEEDv4_ECOsurfaces.pdf	CERTIFIER OR LAB: Ecore
CERTIFICATION AND COMPLIANCE NOTES: Recycled content varies by color. Please consult LEED guides for a list of recycled Laminated Rubber hpdrepository.hpd-collaborative.org	

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/LCS_EPD_ECORE_RubberFlooring_040115.pdf

ISSUE

DATE: 2015-

04-01

EXPIRY

DATE:

2020-

03-31

CERTIFIER

OR LAB:

SCS

Global

Services

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, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

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.

ECOGUARD

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

A coating that is standard on ECOfit and ECOrx. It is a factory-applied maintenance coat that protects the floor from dirt and scuff marks.

E-FINISH

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

E-Finish is a flooring finish. It gives a tough, black-mark resistant shine with no powdering.

E-STRIP

HPD URL: **No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

E-Strip is used for restorative maintenance when there is noticeable accumulation of dirt and contaminants embedded in the finish. E-Strip removes multiple layers of finish without harsh alkalies and other conventional components. E-Strip is specifically designed to remove E-Finish, but will also remove most conventional metal crosslinked floor polishes.

+ Section 5: General Notes

Variations in the substance and material content of the product wear layer is to account for all color options. Colors range from no color (black) to full color. Large range in the material content of the product backing is to account for different thicknesses of the product backing, ranging from 5mm to 20mm.

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

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.