

CLASSIFICATION: 09 60 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: This Health Product Declaration covers Ecore's non-laminated rubber tile and rolled goods including Everlast, ECOsurfaces, QT, ECOsilence, UltraTile, ECOMax, PlayGuard, SmashTile and Ecore underlayment.

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 4 of 4 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

BINDER [POLYURETHANE LT-UNK] RECYCLED RUBBER [STYRENE BUTADIENE RUBBER (POST-CONSUMER) LT-UNK] WATER [WATER BM-4] EPDM [ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK]

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

INVENTORY AND SCREENING NOTES:

Large range in material content of recycled rubber and EPDM is to account for all color options. Colors range from no color (black) to full color.

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

Pre-checked for LEED v4 Material Ingredients, Option 1 and Option 2

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-12-28

PUBLISHED DATE: 2017-12-28

EXPIRY DATE: 2020-12-28

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

BINDER

%: 6.3700 - 9.0000

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities considered

OTHER MATERIAL NOTES: Combined with EPDM, water, and recycled rubber to form rubber roll goods and tiles.

POLYURETHANE

ID: 64440-88-6

%: 100.0000

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

RECYCLED RUBBER

%: 4.5700 - 93.0300

HPD URL: N/A

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities considered

OTHER MATERIAL NOTES: Primary raw material. 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 rubber roll goods and tiles.

STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

%: 100.0000

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Substrate/primary ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Recycled rubber

WATER

%: 0.0500 - 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: Catalyst that starts the polyurethane reaction. Combined with EPDM, recycled rubber, and binder to form rubber roll goods and tiles.

WATER

ID: 7732-18-5

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: Water

EPDM

%: 0.0000 - 86.8100

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 all color options. Colors range from no color (black) to full color. Combined with recycled rubber, water, and binder to form rubber roll goods and tiles.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Color**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Ecore manufactures EPDM in 35 colors.

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-01793_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

APPLICABLE FACILITIES: All

CERTIFICATE URL:

http://cdn.ecoreintl.com/marketing/ecosurfaces/leed/LEEDv4_ECOsurfaces.pdf

ISSUE

DATE:2015-04-

19

EXPIRY DATE:

CERTIFIER OR LAB:

Ecore

CERTIFICATION AND COMPLIANCE NOTES: Recycled content varies by color. Please consult LEED guides for a list of recycled content by product and color.

LCA

Environmental Product Declaration

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 all ECOsurfaces wear layers (excluding tile products, ECONights for ESD and ECONights for Sport). 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**

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

Large range in material content of recycled rubber and EPDM is to account for all color options. Colors range from no color (black) to full color.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Ecore International
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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)	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

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.