

CLASSIFICATION: 09 06 60

PRODUCT DESCRIPTION: This HPD covers Ecore's composition rubber tile and rolled goods including Everlast, ECOsurfaces, QT, ECOsilence, UltraTile, EOMax, PlayGuard, SmashTile, Performance, ECOfit, ECOrx, and underlayment.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

Threshold level

- 100 ppm
 1,000 ppm
 Per GHS SDS
 Per OSHA MSDS
 Other

Residuals/Impurities

- Considered
 Partially Considered
 Not Considered

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?

Threshold Disclosed Per

- Material
 Product

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 TILE AND ROLLED GOODS | **POLYURETHANE** **LT-UNK** **STYRENE**
BUTADIENE RUBBER (SBR) **LT-UNK** **ETHYLENE VINYL ACETATE**
POLYMER (EVA) **LT-UNK** **WATER** **BM-4** **CLAY** **NoGS** **LIMESTONE**;
CALCIUM CARBONATE **LT-UNK** **PEROXIDE, (1,1,4,4-**
TETRAMETHYL TETRAMETHYLENE) BIS(TERT-PENTYL **NoGS**
ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) **LT-UNK**
HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES
(MINERAL OIL) **LT-1** | CAN | MUL **BUTANEDIOIC ACID, 1,4-DIMETHYL**
ESTER, POLYMER WITH 4-HYDROXY-2,2,6,6- TETRAMETHYL-1-
PIPERIDINEETHANOL **LT-UNK** **POLY((6-((1,1,3,3-**
TETRAMETHYLBUTYL)AMINO)-1,3,5-TRIAZINE-2,4- DIYL)((2,2,6,6-
TETRAMETHYL-4-PIPERIDINYL)IMINO)-1,6- HEXANEDIYL((2,2,6,6-
TETRAMETHYL-4-PIPERIDINYL)IMINO)) **NoGS** **TALC** **BM-1** | CAN C.I.
PIGMENT BLUE 15 **BM-3**]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest concern GreenScreen
Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: RFCI FloorScore

LCA: Environmental Product Declaration (EPD) by SCS

Recycled content: Recycled Content

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-06-22

PUBLISHED DATE: 2018-06-22

EXPIRY DATE: 2021-06-22



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 TILE AND ROLLED GOODS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals/impurities in raw materials are measured, and are displayed in the HPD when greater than 1000ppm.

OTHER PRODUCT NOTES: Large range in material content is to account for all color options. Colors range from no color (black) to full color.

POLYURETHANE

ID: 64440-88-6

%: 6.3000 - 9.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Binder
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Binds EPDM and rubber

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

%: 4.6000 - 93.0000	GS: LT-UNK	RC: PostC	NANO: No	ROLE: Substrate
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE 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.

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

%: 0.5600 - 1.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Adhesive
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Adhesive for fusion bonded products

WATER

ID: 7732-18-5

%: 0.3700 - 4.5000	GS: BM-4	RC: None	NANO: No	ROLE: Catalyst
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Catalyst that starts the polyurethane reaction.

CLAY

ID: 1302-87-0

%: 0.0000 - 14.0000	GS: NoGS	RC: None	NANO: No	ROLE: Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: EPDM

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 0.0000 - 41.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: EPDM

PEROXIDE, (1,1,4,4-TETRAMETHYLTETRAMETHYLENE)BIS[TERT-PENTYL

ID: 5168-50-3

%: 0.0000 - 1.2500	GS: NoGS	RC: None	NANO: No	ROLE: Catalyst
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: EPDM

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

%: 0.0000 - 17.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Substrate
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: EPDM

**HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES
(MINERAL OIL)**

ID: 64742-54-7

#: **0.0000 - 8.9000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Modifier**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: EPDM

BUTANEDIOIC ACID, 1,4-DIMETHYL ESTER, POLYMER WITH 4-HYDROXY-2,2,6,6-TETRAMETHYL-1-PIPERIDINEETHANOL

ID: 65447-77-0

#: **0.0000 - 0.4600** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Light Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: EPDM

POLY((6-((1,1,3,3-TETRAMETHYLBUTYL)AMINO)-1,3,5-TRIAZINE-2,4-DIYL)((2,2,6,6-TETRAMETHYL-4-PIPERIDINYL)IMINO)-1,6-HEXANEDIYL((2,2,6,6-TETRAMETHYL-4-PIPERIDINYL)IMINO))

ID: 71878-19-8

#: **0.0000 - 0.4600** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Light Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: EPDM

TALC

ID: 14807-96-6

#: **0.0000 - 0.4300** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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

SUBSTANCE NOTES: EPDM

C.I. PIGMENT BLUE 15

ID: 147-14-8

%: **0.0000 - 4.1000**

GS: **BM-3**

RC: **None**

NANO: **No**

ROLE: **Coloring**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Pigment for EPDM. Various colors of pigment used.

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

RFCI FloorScore

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/ECORE_2017_SCS-FS-01793_s2.pdf

ISSUE DATE:

2017-10-01

EXPIRY DATE:

2018-09-30

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.**

LCA

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

http://maxcdn.ecoreintl.com/marketing/ecore/EPD_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.**

RECYCLED CONTENT

Recycled Content

CERTIFYING PARTY: **Self-declared**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

http://maxcdn.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.**

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 Available**

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 Available**

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 Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

A coating that is standard on all ECOsurfaces wear layers (excluding tile products, EConights). It is a factory-applied maintenance coat that protects the floor from dirt and scuff marks.

E-FINISH

HPD URL: **No HPD Available**

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 Available**

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

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



MANUFACTURER INFORMATION

MANUFACTURER: **Ecore International**
ADDRESS: **715 Fountain Ave**
Lancaster PA 17601, United States
WEBSITE: **715 Fountain Ave**

CONTACT NAME: **Dana Davis**
TITLE: **Marketing Analyst**
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

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.