

HPD UNIQUE IDENTIFIER: 25036

CLASSIFICATION: 09 65 16 Resilient Sheet Flooring

PRODUCT DESCRIPTION: This HPD covers Ecore's composition rubber rubber tile and rolled goods including BasicFit, ECOsurfaces, Origins, QT, ECOsilence, UltraTile, ECOmax, ECOsmash, PlayGuard, dBTile, Performance Motivate, Performance Rally, Performance Beast, Performance Beast Plus, Performance Monster, Performance Modzilla, ECOfit, ECOfit Plus, and underlayment.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| | | | |
|---|--|---|---|
| Inventory Reporting Format | Threshold level | Residuals/Impurities | <i>All Substances Above the Threshold Indicated Are:</i> |
| <input type="radio"/> Nested Materials Method | <input type="radio"/> 100 ppm | <input checked="" type="radio"/> Considered | Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input checked="" type="radio"/> 1,000 ppm | <input type="radio"/> Partially Considered | % weight and role provided for all substances. |
| Threshold Disclosed Per | <input type="radio"/> Per GHS SDS | <input type="radio"/> Not Considered | Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Material | <input type="radio"/> Other | Explanation(s) provided for Residuals/Impurities? | <i>All substances screened using Priority Hazard Lists with results disclosed.</i> |
| <input checked="" type="radio"/> Product | | <input checked="" type="radio"/> Yes <input type="radio"/> No | Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No |
| | | | <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i> |

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-P1 WATER
BM-4 STYRENE BUTADIENE RUBBER (SBR) LT-UNK ETHYLENE
VINYL ACETATE POLYMER (EVA) LT-UNK CLAY NoGS LIMESTONE;
CALCIUM CARBONATE LT-UNK PEROXIDE, (1,1,4,4-
TETRAMETHYLTETRAMETHYLENE)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 CORK GRANULES NoGS]

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

VOC Content data is not applicable for this product category.

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

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
 VERIFICATION #:

SCREENING DATE: 2020-07-22

PUBLISHED DATE: 2021-06-07

EXPIRY DATE: 2023-07-22

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-07-22 19:33:55

#: 6.7500 - 19.8100 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Binder

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Binds EPDM and rubber

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-07-22 19:33:55

#: 0.6800 - 1.9200 GS: BM-4 RC: None NANO: No SUBSTANCE ROLE: Catalyst

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Catalyst that starts the polyurethane reaction.

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-07-22 19:33:57

#: 0.0000 - 90.3600 GS: LT-UNK RC: PostC NANO: No SUBSTANCE ROLE: Structure component

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard 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

| | | | | |
|---|------------------------|---|-----------------|---------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-07-22 19:33:58 | | |
| %: 0.0000 - 1.4900 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Adhesive |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: Adhesive for fusion bonded products | | | | |

CLAY ID: **1302-87-0**

| | | | | |
|---|------------------------|---|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-07-22 19:33:55 | | |
| %: 0.0000 - 14.0500 | GS: NoGS | RC: None | NANO: No | SUBSTANCE ROLE: Filler |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: EPDM | | | | |

LIMESTONE; CALCIUM CARBONATE ID: **1317-65-3**

| | | | | |
|---|------------------------|---|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-07-22 19:33:55 | | |
| %: 0.0000 - 48.8600 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Filler |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: EPDM | | | | |

PEROXIDE, (1,1,4,4-TETRAMETHYLTETRAMETHYLENE)BIS[TERT-PENTYL] ID: **5168-50-3**

| | | | | |
|---|------------------------|---|-----------------|---------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-07-22 19:33:56 | | |
| %: 0.0000 - 1.1000 | GS: NoGS | RC: None | NANO: No | SUBSTANCE ROLE: Catalyst |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: EPDM | | | | |

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) ID: **25038-36-2**

| | | | | |
|---|------------------------|---|-----------------|--|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-07-22 19:33:56 | | |
| %: 0.0000 - 15.2700 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Structure component |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: EPDM | | | | |

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

ID: 64742-54-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-22 19:33:56**

#: **0.0000 - 8.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Impact modifier**

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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-22 19:33:56**

#: **0.0000 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: EPDM

POLY(((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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-22 19:33:57**

#: **0.0000 - 0.2000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Heat or UV stabilizer**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: EPDM

TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-22 19:33:57**

#: **0.0000 - 0.4500** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| CAN | MAK | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |

SUBSTANCE NOTES: EPDM

C.I. PIGMENT BLUE 15

ID: 147-14-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-22 19:33:57**

#: **0.0000 - 3.5900** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

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

CORK GRANULES

ID: Not registered

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-07-22 19:33:57**

#: **0.0000 - 0.9700** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Origins only

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_2019_SCS-FS-01793_s2.pdf | ISSUE DATE: 2019-10-01 | EXPIRY DATE: 2020-09-30 | 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: https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-06146_Ecore_Rubber-Flooring_052020.pdf | ISSUE DATE: 2020-05-20 | EXPIRY DATE: 2025-05-19 | CERTIFIER OR LAB: SCS Global Services |
| CERTIFICATION AND COMPLIANCE NOTES: PCR Guidance for Building-Related Products and Services Part A: Life Cycle Assessment Calculation Rules and Report Requirements. Version 3.2. UL Environment. Sept. 2018 PCR Guidance for Building-Related Products and Services Part B: Flooring EPD Requirements. Version 2. UL Environment. May 2018. | | | |

| RECYCLED CONTENT | Recycled Content | | |
|---|------------------------|--------------|-------------------------|
| CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All CERTIFICATE URL: | 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

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY**Hazard Types**

| | | |
|---------------------------------------|---|--|
| AQU Aquatic toxicity | LAN Land toxicity | PHY Physical hazard (flammable or reactive) |
| CAN Cancer | MAM Mammalian/systemic/organ toxicity | REP Reproductive |
| DEV Developmental toxicity | MUL Multiple | RES Respiratory sensitization |
| END Endocrine activity | NEU Neurotoxicity | SKI Skin sensitization/irritation/corrosivity |
| EYE Eye irritation/corrosivity | NF Not found on Priority Hazard Lists | UNK Unknown |
| GEN Gene mutation | OZO Ozone depletion | |
| GLO Global warming | PBT Persistent, bioaccumulative, and toxic | |

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| BM-2 Benchmark 2 (use but search for safer substitutes) | NoGS No GreenScreen. |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | |
| BM-U Benchmark Unspecified (due to insufficient data) | |
| LT-P1 List Translator Possible 1 (Possible Benchmark-1) | |

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.