

CLASSIFICATION: 09 60 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Pinnacle 2 is a rubber-backed carpet tile designed for the most abusive commercial, industrial, hospitality and retail applications.

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.

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

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] CARPET WEAR LAYER [
POLYPROPYLENE LT-UNK | RES POLYETHYLENE LT-UNK] ADHESIVE [
ETHYLENE VINYL ACETATE POLYMER (EVA) LT-UNK]

INVENTORY AND SCREENING NOTES:

Residuals and impurities were considered

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: California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010
LCA: Environmental Product Declaration
Recycled content: Recycled Content

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: 2016-10-12

PUBLISHED DATE: 2017-12-13

EXPIRY DATE: 2019-10-12

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

%: 66.0000

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. Used to fusion bond the rubber backing and the carpet wear layer

OTHER MATERIAL NOTES: Rubber backing is comprised of recycled rubber, binder, water, and foamed EPDM.

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.

CARPET WEAR LAYER

#: 33.0000

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. Used to fusion bond the rubber backing and the carpet wear layer

OTHER MATERIAL NOTES: Wear layer for the product. Fusion bonded to a recycled rubber backing.

POLYPROPYLENE

ID: 9003-07-0

#: 75.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Carpet Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Carpet fiber combined with Polyethylene Fiber (used as an adhesive) to form carpet wear layer

POLYETHYLENE

ID: 9002-88-4

#: 25.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Carpet Fiber Adhesive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Carpet fiber used as an adhesive combined with Polypropylene Fiber to form carpet 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. Used to fusion bond the rubber backing and the carpet wear layer

OTHER MATERIAL NOTES: Used to fusion bond the rubber backing and the carpet wear layer

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

California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010

CERTIFYING PARTY: Third Party

ISSUE DATE:2015-10-

EXPIRY DATE:

CERTIFIER OR LAB: Berkeley

APPLICABLE FACILITIES: All

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Analytical

CERTIFICATE URL: Certificate available upon request

CERTIFICATION AND COMPLIANCE NOTES: Exposure scenarios were School Classroom and Private Office

LCA

Environmental Product Declaration

CERTIFYING PARTY: Third Party

ISSUE DATE:2016-06-

EXPIRY DATE: 2021-

CERTIFIER OR LAB: SCS Global

APPLICABLE FACILITIES: All

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06-05

Services

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-04034_ECORE-Pinnacle2_060616.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.

RECYCLED CONTENT

Recycled Content

CERTIFYING PARTY: Self-declared

ISSUE

EXPIRY DATE:

CERTIFIER OR LAB:

APPLICABLE FACILITIES: All

DATE:2016-06-

Ecore

CERTIFICATE URL:

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http://maxcdn.ecoreintl.com/marketing/knotcarpet/leed/LEEDv4_Pinnacle%202.pdf

CERTIFICATION AND COMPLIANCE NOTES: Pinnacle 2 is comprised of 70% post-consumer recycled content.

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-RELEASABLE ADHESIVE

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Pinnacle 2
hpdrepository.hpd-collaborative.org

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For use with the square-edge tiles only. E-Releasable Adhesive can be installed into wet adhesive for permanent bonding and allowed to dry to its tacky phase for releasable installations.

Section 5: General Notes

Using Ecore's patented itstru technology, Pinnacle 2 is made by fusion-bonding a rugged carpet to a 5mm Ecore backing made of 90% recycled rubber. The interlocking tile format is completely unique and offers a simple, adhesive-free installation. A traditional glue-down square edge tile is also available. Pinnacle 2 provides ergonomics, comfort underfoot, acoustical benefits as well as superior performance characteristics.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Ecore International**
ADDRESS: **715 Fountain Ave**
Lancaster Pennsylvania 17601, United States
WEBSITE: **www.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

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.