

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 / Product 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 v4/BM3 contents..... 1  
Content of highest concern GreenScreen  
Benchmark or Best Translator Score..... LT-UNK  
Name of material..... 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 |

**CONTENT INVENTORY AND SCREENING NOTES:**

**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: 2017-08-09  
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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### RUBBER BACKING

%: 66.0000

HPD URL:

PRODUCT 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.

OTHER MATERIAL NOTES: Used to fusion bond the rubber backing and the carpet wear layer. Rubber backing is comprised of recycled rubber, binder, water, and foamed EPDM.

### STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

%: 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      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      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

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:

PRODUCT 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.

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

Asthma (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:

PRODUCT 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.

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

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.

<b>VOC EMISSIONS</b>	<b>California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010</b>		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2015-10-07	EXPIRY DATE:	CERTIFIER OR LAB: Berkeley Analytical
APPLICABLE FACILITIES: All			
CERTIFICATE URL: Certificate available upon request			
CERTIFICATION AND COMPLIANCE NOTES: Exposure scenarios were School Classroom and Private Office			

<b>LCA</b>	<b>Environmental Product Declaration</b>		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2016-06-06	EXPIRY DATE: 2021-06-05	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: All			
CERTIFICATE URL: <a href="https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-04034_ECORE-Pinnacle2_060616.pdf">https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-04034_ECORE-Pinnacle2_060616.pdf</a>			
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.			

<b>RECYCLED CONTENT</b>	<b>Recycled Content</b>		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2016-06-18	EXPIRY DATE:	CERTIFIER OR LAB: Ecore
APPLICABLE FACILITIES: All			
CERTIFICATE URL: <a href="http://maxcdn.ecoreintl.com/marketing/knotcarpet/leed/LEEDv4_Pinnacle%202.pdf">http://maxcdn.ecoreintl.com/marketing/knotcarpet/leed/LEEDv4_Pinnacle%202.pdf</a>			
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.

<b>E-RELEASABLE ADHESIVE</b>	HPD URL: No HPD link provided
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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

## 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: **717-782-4120**  
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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MULT</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> 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

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*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.*

Sample