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

Section 1: Summary

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

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 BACKING | STYRENE BUTADIENE RUBBER (POST-CONSUMER) | LT-UNK | POLYURETHANE | ETHYLENE/PROPYLENE TERPOLYMER (EPDM) | LT-UNK | WATER | BM-4

BM-4: CARPET WEAR LAYER [POLYPROPYLENE | LT-UNK | ADHESIVE | ETHYLENE VINYL ACETATE POLYMER (EVA) | LT-UNK]

Number of Greenscreen Benchmark or List translator Score: 1
Contents highest concern GreenScreen Benchmark or List translator Score: LT-UNK
Nanomaterial: No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

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
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

<table>
<thead>
<tr>
<th>Material Threshold: 100 ppm</th>
<th>Residuals and Impurities Considered: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material is estimated to have no residuals/impurities over 100 ppm based off supplier information.</td>
<td></td>
</tr>
<tr>
<td>Rubber backing is comprised of recycled rubber, binder, water, and foamed EPDM.</td>
<td></td>
</tr>
</tbody>
</table>

### STYRENE BUTADIENE RUBBER (POST-CONSUMER)

<table>
<thead>
<tr>
<th>%: 79.0000</th>
<th>GB: LT-UNK</th>
<th>RC: PostC</th>
<th>Nano: No</th>
<th>Role: Substrate/primary ingredient for Rubber Backing</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substance Notes: Main component in the backing of this product. Mixed with binder, water, and foamed EPDM to form product backing.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### POLYURETHANE

<table>
<thead>
<tr>
<th>%: 10.0000</th>
<th>GB: LT-UNK</th>
<th>RC: None</th>
<th>Nano: No</th>
<th>Role: Binder</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substance Notes: Combined with foamed EPDM, water, and recycled rubber to form backing.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

<table>
<thead>
<tr>
<th>%: 10.0000</th>
<th>GB: LT-UNK</th>
<th>RC: PreC</th>
<th>Nano: No</th>
<th>Role: Pliability</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substance Notes: Foamed EPDM. Combined with binder, water, and recycled rubber to form the product backing.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WATER

<table>
<thead>
<tr>
<th>ID: 7732-18-5</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Substances Notes:</td>
<td></td>
</tr>
</tbody>
</table>

---

Pinnacle 2
www.hpd-collaborative.org
<table>
<thead>
<tr>
<th>Substance</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYPROPYLENE</td>
<td>75.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Carpet Fiber</td>
</tr>
<tr>
<td>POLYETHYLENE</td>
<td>25.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Carpet Fiber Adhesive</td>
</tr>
<tr>
<td>ADHESIVE</td>
<td>1.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Adhesive</td>
</tr>
<tr>
<td>ETHYLENE VINYL ACETATE POLYMER (EVA)</td>
<td>100.000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Adhesive</td>
</tr>
<tr>
<td>CARPET WEAR LAYER</td>
<td>33.0000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**
- RESPIRATORY: AOEC - Asthmagens
- RESPIRATORY: Asthmagen (Rs) - sensitizer-induced

**SUBSTANCE NOTES:**
- Combined with binder, recycled rubber, and foamed EPDM to form product backing.
- Carpet fiber combined with Polyethylene Fiber (used as an adhesive) to form carpet wear layer.
- Carpet fiber used as an adhesive combined with Polypropylene Fiber to form carpet wear layer.
- Used to fusion bond the rubber backing and the carpet 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

| CERTIFYING PARTY: | Third Party | ISSUE DATE | 2015-10-07 | EXPIRY DATE: | Berkeley Analytical |
| APPLICABLE FACILITIES: | All | CERTIFICATE URL: | Certificate available upon request |
| CERTIFICATION AND COMPLIANCE NOTES: | Exposure scenarios were School Classroom and Private Office |

LCA

| CERTIFYING PARTY: | Third Party | ISSUE DATE | 2016-06-06 | EXPIRY DATE: | SCS Global Services |

RECYCLED CONTENT

| CERTIFYING PARTY: | Self-declared | ISSUE DATE | 2016-06-18 | EXPIRY DATE: | Ecore |
| 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: | |
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 Labelling of Chemicals Safety Data Sheet

Hazard Types

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

GreenScreen (GS)

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

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:

Pinnacle 2
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.