

CLASSIFICATION: 09 60 00

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 1 of 3 Materials

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?

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** **LT-UNK** **ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)** **LT-UNK** **WATER** **BM-4**] **CARPET WEAR LAYER** [**POLYPROPYLENE** **LT-UNK** **POLYETHYLENE** **LT-UNK**] **ADHESIVE** [**ETHYLENE VINYL ACETATE POLYMER (EVA)** **LT-UNK** **VINYL ACETATE** **LT-P1**]
| **CAN** | **END** | **MUL** | **MAM** | **GEN** | **PHY**]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals and impurities were considered

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

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

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-06-20

PUBLISHED DATE: 2018-06-22

EXPIRY DATE: 2021-06-20



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

#: 68.0900 - 68.0900

HPD URL: N/A

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

STYRENE BUTADIENE RUBBER (POST-CONSUMER)

ID: 9003-55-8

#: 78.7100 - 78.7100

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, EPDM, and water to form product backing.

POLYURETHANE

ID: 64440-88-6

#: 10.4000 - 10.4000

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 water, EPDM and recycled rubber to form backing.

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

#: 9.9000 - 9.9000

GS: LT-UNK

RC: PreC

NANO: No

ROLE: Substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Mixed with binder, SBR, and water to form product backing.

WATER

ID: 7732-18-5

#: 0.9900 - 0.9900

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, EPDM and recycled rubber to form product backing.

CARPET WEAR LAYER

%: 17.4000 - 17.4000

HPD URL: N/A

MATERIAL THRESHOLD: **Other**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Ecore does not manufacture the carpet wear layer and cannot comment on residuals/impurities in this material.**

OTHER MATERIAL NOTES: **Wear layer for the product. Fusion bonded to a recycled rubber backing. Material Inventory Threshold per EPD.**

POLYPROPYLENE

ID: **9003-07-0**

%: 74.7100 - 74.7100

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Carpet Fiber**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

POLYETHYLENE

ID: **9002-88-4**

%: 25.2900 - 25.2900

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

%: 14.5300

HPD URL: N/A

MATERIAL THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Ecore does not manufacture the adhesive layer and cannot comment on residuals/impurities in this material.**

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

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: **24937-78-8**

%: 99.7000 - 100.0000

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Primary material/substrate**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Primary ingredient in copolymerization of ethylene and vinyl acetate to create Ethylene-vinyl acetate (EVA) adhesive.

VINYL ACETATE

ID: **108-05-4**

%: **0.0000 - 0.3000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

MAMMALIAN

US EPA - EPCRA Extremely Hazardous Substances

Extremely Hazardous Substances

GENE MUTATION

New Zealand - GHS

6.6A - Known or presumed human mutagens

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: Ingredient in copolymerization of ethylene and vinyl acetate to create Ethylene-vinyl acetate (EVA) adhesive.

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**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

<http://maxcdn.ecoreintl.com/marketing/knotcarpet/leed/Pinnacle%202%20VOC%20Certificate.pdf>

ISSUE	EXPIRY	CERTIFIER
DATE:	DATE:	OR LAB:
2015-		Berkeley
10-07		Analytical

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

LCA

Environmental Product Declaration

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

http://maxcdn.ecoreintl.com/marketing/ecore/EPD_Pinnacle2_060616.pdf_060616.pdf

ISSUE	EXPIRY	CERTIFIER OR
DATE:	DATE:	LAB:
2016-	2021-	Global
06-06	06-05	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/knotcarpet/leed/LEEDv4_Pinnacle%202.pdf

ISSUE DATE:	EXPIRY	CERTIFIER OR LAB:
2016-06-	DATE:	Ecore
18		

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:

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.



MANUFACTURER INFORMATION

MANUFACTURER: **Ecore International**
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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.