

CLASSIFICATION: 09 65 16.43

PRODUCT DESCRIPTION: BARENAKED PVC FREE FLOORS™ CS COLLECTION™ RESILIENT SHEET IS A NEW GENERATION OF NATURAL, RESPONSIBLE AND DURABLE FLOOR DESIGN. BE CONFIDENT IN TOTAL ACCOUNTABILITY WITH A DESIGN CONTAINING NO PVC, PHTHALATES, POLYURETHANE OR HALOGENS. ITS UNIQUE HOMOGENEOUS CONSTRUCTION ELIMINATES ANY REQUIREMENT FOR ADDITIONAL POLISHES AND FINISHES WHILE MAINTAINING EXCEPTIONAL DURABILITY AND PERFORMANCE. PVC-FREE AND PLASTICIZER-FREE COMPOSITION FOR HEAVY COMMERCIAL USE. EXCELLENT MAINTENANCE PROPERTIES MAKE IT IDEAL FOR MANY HEALTHCARE PROJECTS.

Section 1: Summary

CONTENT INVENTORY

- Threshold per material
- 100 ppm
 - 1,000 ppm
 - Per GHS SDS
 - Per OSHA MSDS
 - Other

- Residuals and impurities considered in 1 of 1 materials
- see Section 2: Material Notes
 - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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

BARENAKED PVC FREE FLOORS CS COLLECTION [CALCIUM CARBONATE **BM-3 UNDISCLOSED (THERMOPLASTIC POLYMER) **UNK** UNDISCLOSED (POLYMER) **LT-U** UNDISCLOSED (THERMOPLASTIC POLYMER) UNDISCLOSED IRON OXIDE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END CARBON BLACK **LT-1** | CAN C.I. PIGMENT BLUE 15 **BM-3** BUTANAMIDE, 2,2'-[1,2-ETHANEDIYLBIS(OXY- 2,1-PHENYLENEAZO)]BIS[N-(2,3-DIHYDRO-2-OXO-1H-BENZIMIDAZOL -5-YL)-3-OXO- **LT-UNK** 2-NAPHTHALENECARBOXAMIDE, N-(2,3-DIHYDRO-2-OXO-1H-BENZIMIDAZOL -5-YL)-3-HYDROXY-4-[[2-METHOXY-5-METHYL -4-[(METHYLAMINO)SULFONYL]PHENYL]AZO)- **LT-P1**]**

Number of Greenscreen BM-4/BM3 contents..... 2
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

All Substances over 1000 ppm or 100 ppm of the Product are reported. This HPD was created with Basic Inventory

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: FloorScore
Other: Substances of Very High Concern (SVHC) - REACH - Chemicals

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: July 6, 2017	EXPIRY DATE*: July 6, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: July 6, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

BARENAKED PVC FREE FLOORS CS COLLECTION

#: 92.3500 - 100.0000

HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes: All known intentional ingredients of barenaked PVC Free Floors™? CS Collection are disclosed in this HPD.

CALCIUM CARBONATE

ID: 471-34-1

#: 58.0000 - 62.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No warnings found on HPD Priority lists

UNDISCLOSED (THERMOPLASTIC POLYMER)

ID: Undisclosed

#: 17.0000 - 19.0000

GS: UNK

RC: None

NANO: NO

ROLE: binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Ingredient identity is considered as an important trade secret.

UNDISCLOSED (POLYMER)

ID: Undisclosed

#: 13.0000 - 15.0000

GS: LT-U

RC: None

NANO: NO

ROLE: binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Ingredient identity is considered as an important trade secret.

UNDISCLOSED (THERMOPLASTIC POLYMER)

ID: Undisclosed

#: 4.0000 - 6.0000

GS:

RC: None

NANO: NO

ROLE: binder

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Ingredient identity is considered as an important trade secret.

UNDISCLOSED

%: 0.3500 - 0.4500

GS:

RC: None

NANO: NO

ROLE: Cured Surface Finish

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Not Disclosed by supplier. Fully cured proprietary mixture.

IRON OXIDE

ID: 1332-37-2

%: 0.0000 - 2.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: color pigment

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: All Substances over 1000 ppm or 100 ppm of the Product are reported

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.0000 - 2.0000

GS: LT-1

RC: None

NANO: NO

ROLE: color pigment

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

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

SUBSTANCE NOTES: All Substances over 1000 ppm or 100 ppm of the Product are reported

CARBON BLACK

ID: 1333-86-4

%: 0.0000 - 2.0000	GS: LT-1	RC: None	NANO: NO	ROLE: color pigment
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: All Substances over 1000 ppm or 100 ppm of the Product are reported

C.I. PIGMENT BLUE 15

ID: 147-14-8

%: 0.0000 - 1.0000	GS: BM-3	RC: None	NANO: NO	ROLE: color pigment
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: All Substances over 1000 ppm or 100 ppm of the Product are reported

BUTANAMIDE, 2,2'-[1,2-ETHANEDIYLBIS(OXY- 2,1-PHENYLENEAZO)]BIS[N-(2,3-DIHYDRO-2-OXO-1H-BENZIMIDAZOL -5-YL)-3-OXO-

ID: 77804-81-0

%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: color pigment
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: All Substances over 1000 ppm or 100 ppm of the Product are reported

2-NAPHTHALENECARBOXAMIDE, N-(2,3-DIHYDRO-2-OXO-1H-BENZIMIDAZOL -5-YL)-3-HYDROXY-4-[[2-METHOXY-5-METHYL -4-[(METHYLAMINO)SULFONYL]PHENYL]AZO]-

ID: 51920-12-8

%: 0.0000 - 1.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: color pigment
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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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
APPLICABLE FACILITIES: All
CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/Karelia-UpofloorOy_2016_SCS-FS-02256_s.pdf
CERTIFICATION AND COMPLIANCE NOTES: Certifying party was 3rd party and certifier was SGS Global Services

FloorScore

ISSUE DATE: 2013-10-01	EXPIRY DATE: 0000-00-00	CERTIFIER OR LAB: SCS Global Services for Resilient Floor Covering Institute (RFCI)
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OTHER

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

Substances of Very High Concern (SVHC) - REACH - Chemicals

ISSUE DATE: 2016-08-30	EXPIRY DATE: 0000-00-00	CERTIFIER OR LAB: SGS
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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.

Section 5: General Notes



MANUFACTURER INFORMATION

MANUFACTURER: Shannon Specialty Floors, Inc.

CONTACT NAME: Tim Davis

ADDRESS: 1005 South 60th Street
Milwaukee, WI 53214
USA

TITLE: Technical Services Manager

PHONE: 414-465-9729

WEBSITE: www.shannonspecialtyfloors.com

EMAIL: timd@shannonspecialtyfloors.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) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.