

CLASSIFICATION: 09 60 00.00 FINISHES: FLOORINGS

created via: HPDC Online Builder

PRODUCT DESCRIPTION: The Chilewich Biofelt® Backed Floor Tiles are modular 18" squares for applications where a heavy duty floor covering is required. The Chilewich floor tile is made by bonding Chilewich signature woven textiles to Biofelt®, an innovative new backing system.

Section 1: Summary

Basic 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

- Considered
 Partially Considered
 Not Considered

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

CHILEWICH BIOFELT BACKED FLOORING [CALCIUM CARBONATE **BM-3**
POLYVINYL CHLORIDE (PVC) **LT-P1** | RES POLYETHYLENE
TEREPHTHALATE (PET) **LT-UNK** POLYETHER POLYOL **LT-UNK** SOLID
GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN
POLYMERIC MDI (PMDI) **LT-UNK** | RES | MUL | CAN EPOXIDIZED SOYBEAN
OIL **LT-UNK** NYLON 6 **LT-UNK**]

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:

Chilewich worked with the Third Party HPD Preparer, ToxServices LLC, to obtain all required chemical formulation disclosed to the level of 1,000 ppm (0.1%) for this HPD.

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: CRI Green Label Plus - Carpets

Other: Environmental Product Declaration (EPD) by UL - Industry Generic

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party
Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-03-13

PUBLISHED DATE: 2018-03-19

EXPIRY DATE: 2021-03-13

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

CHILEWICH BIOFELT BACKED FLOORING

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Chilewich worked with the Third Party HPD Preparer, ToxServices LLC, to confirm that all residuals and impurities were considered during the preparation of this HPD

OTHER PRODUCT NOTES:

CALCIUM CARBONATE

ID: 471-34-1

#: **31.5000 - 31.5000** GS: **BM-3** RC: **None** NANO: **No** ROLE: **Backing Structure Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed Flooring formulation.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

#: **22.2000 - 22.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed Flooring formulation.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

#: **20.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Backing Structure Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed Flooring formulation.

POLYETHER POLYOLID: **9082-00-2**

%: 11.0000 - 11.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing Structure Component
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed Flooring formulation.

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)ID: **65997-17-3**

%: 7.3000 - 7.3000	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure Component
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed Flooring formulation.

POLYMERIC MDI (PMDI)ID: **9016-87-9**

%: 6.3000 - 6.3000	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing Structure Component
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

RESPIRATORY

US EPA - PPT Chemical Action Plans

Inhalation sensitizer causing asthma and lung damage

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed Flooring formulation.

EPOXIDIZED SOYBEAN OILID: **8013-07-8**

%: 2.9000 - 2.9000	GS: LT-UNK	RC: None	NANO: No	ROLE: Structure Component
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed

NYLON 6ID: **25038-54-4**

%: 1.9000 - 1.9000	GS: LT-UNK	RC: None	NANO: No	ROLE: Binder Component
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The % composition listed for this substance is maximum % this substance can be present in the Biofelt Backed Flooring formulation.

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

CRI Green Label Plus - Carpets

CERTIFYING PARTY: Third Party	ISSUE DATE: 2012-04-24	EXPIRY DATE: 2018-03-31	CERTIFIER OR LAB: The Carpet and Rug Institute, INC.
APPLICABLE FACILITIES: ALL			
CERTIFICATE URL: http://www.carpet-rug.org/green-label-plus.html			
CERTIFICATION AND COMPLIANCE NOTES:			

OTHER

Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-02-23	EXPIRY DATE: 2022-02-23	CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: 1512 Highway 225, South Chatsworth, GA 30705			
CERTIFICATE URL: http://spot.ulprospector.com			
CERTIFICATION AND COMPLIANCE NOTES: No Limitation: Declaration Number 4787689156.101.1			

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.

No accessories are required for this product.

Section 5: General Notes

Chilewich worked with the Third Party HPD Preparer, ToxServices, LLC, to verify that all chemical formulation information was correctly obtained to the level of 1,000 ppm for the preparation of this HPD. ToxServices LLC also worked with Chilewich to confirm that all residuals and impurities have been considered under the preparation of this HPD.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Chilewich, LLC**

ADDRESS: **44 East 32nd Street
New York NY 10016, USA**

WEBSITE: **www.chilewich.com/contract/floor/biofelt_backed_tiles**

CONTACT NAME: **Joe Sultan**

TITLE: **CEO**

PHONE: **646-545-2457**

EMAIL: **contract@chilewich.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.