

Nylon Modular carpet Tiles on EcoFlex NXT by Mohawk Group

CLASSIFICATION: 09 68 13

PRODUCT DESCRIPTION: MOHAWK GROUP ECOFLEX NXT MODULAR CARPET TILES HAVE A COMPOSITE CONSTRUCTION OF A TUFTED YARN DYED NYLON FACE, PRIMARY BACKING, FIBERGLASS SCRIM, PRE-COAT POLYMER WITH AN EXTRUDED POLYOLEFIN MODULAR BACKING THAT DOES NOT CONTAIN PVC. IT ALSO CONTAINS AN AVERAGE OF 53% PRE-CONSUMER RECYCLED CONTENT.

Health Product Declaration v2.0

created via: HPDC Online Builder

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 0 of 1 materials	Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2:	Are the Percent Weight and Role provided for all substances?	Yes	No
<input checked="" type="radio"/> 1,000 ppm	Material Notes	Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Per GHS SDS	<input checked="" type="radio"/> see Section 5:	Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
<input type="radio"/> Per OSHA MSDS	General Notes	Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Other		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

ECOFLEX NXT [LIMESTONE; CALCIUM CARBONATE LT-UNK BUTADIENE ACRYLATE UNK
ETHYLENE-PROPYLENE COPOLYMER LT-UNK 1-PROPENE, HOMOPOLYMER, ISOTACTIC
LT-UNK 2,5-FURANDIONE, POLYMER WITH ETHENE LT-UNK NAPHTHA (PETROLEUM),
LIGHT STEAM-CRACKED AROM., PIPERYLENE CONC., POLYMD. LT-UNK GLASS
FILAMENTS UNK POLYETHYLENE TEREPHTHALATE (PET) LT-UNK NYLON 6,6 (WITH STAIN
RESISTANCE) LT-UNK NYLON 6 LT-UNK SODIUM POLYMETHACRYLATE LT-UNK
2-PROPENOIC ACID, 3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDECAFLUOROOCYL ESTER LT-UNK
2-PROPENOIC ACID, 2-METHYL-, 3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDECAFLUOROOCYL ESTER LT-UNK]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-UNK
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

The EcoFlex NXT carpet tile backing is up to 40% lighter than competitive products. Contains no plasticizers and is Living Building Challenge Red List Free.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CRI Green Label Plus
Recycled content: Underwriters Laboratory
Other: Environmental product Declaration

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: October 11, 2016	EXPIRY DATE*: October 11, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: October 11, 2016	* 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.

ECOFLEX NXT

#: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes: Extruded Secondary Backing

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 20.0000 - 55.0000

GS: LT-UNK

RC: PreC

NANO: NO

ROLE: Backing Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: 100% Pre-Consumer Calcium Carbonate added to Precoat and extruded backing for stability

BUTADIENE ACRYLATE

ID: 25232-40-0

#: 1.0000 - 10.0000

GS: UNK

RC: None

NANO: NO

ROLE: Precoat Polymer Adhesive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: A GreenScreen List Translator for this material CAS# 25232-40-0 was conducted by NSF International with the following finding "Based on the review the chemical may be disclosed on an HPD with the Hazard language none found" (No Warnings found on HPD priority lists)

ETHYLENE-PROPYLENE COPOLYMER

ID: 9010-79-1

#: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Backing Resin for extruded backing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Vistamax 6502 Ethylene propylene Copolymer used in extruded backing

1-PROPENE, HOMOPOLYMER, ISOTACTIC

ID: 25085-53-4

%: 1.0000 - 3.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Functional Polymer
HAZARDS:				
AGENCY(IES) WITH WARNINGS:				
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: Functional Polymer for extruded secondary backing.				
2,5-FURANDIONE, POLYMER WITH ETHENE			ID: 9006-26-2	
%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Extruded backing
HAZARDS:				
AGENCY(IES) WITH WARNINGS:				
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: Extruded Backing Content				
NAPHTHA (PETROLEUM), LIGHT STEAM-CRACKED AROM., PIPERYLENE CONC., POLYMD.			ID: 68478-07-9	
%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Tacifyer
HAZARDS:				
AGENCY(IES) WITH WARNINGS:				
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: Tacifyer for Extruded Secondary backing				
GLASS FILAMENTS			ID:	
%: 1.0000 - 5.0000	GS: UNK	RC: None	NANO: NO	ROLE: Backing Stablizer
HAZARDS:				
AGENCY(IES) WITH WARNINGS:				
None Found		No warnings found on HPD Priority lists		
SUBSTANCE NOTES: Material is embedded in Extruded Backing to provide stability.				
POLYETHYLENE TEREPHTHALATE (PET)			ID: 25038-59-9	
%: 0.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Primary Backing
HAZARDS:				
AGENCY(IES) WITH WARNINGS:				
None Found		No warnings found on HPD Priority lists		

SUBSTANCE NOTES: Polyethylene Terephthalate carpet primary Backing

NYLON 6,6 (WITH STAIN RESISTANCE)

ID: 32131-17-2

%: 0.0000 - 25.0000

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: Face Fiber may be combined with Nylon 6 for design or styling purposes.

NYLON 6

ID: 25038-54-4

%: 0.0000 - 25.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: carpet Yarn

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Face Fiber with 40% pre-consumer recycled content, may be combined with Nylon 6.6 fiber for styling or design purposes.

SODIUM POLYMETHACRYLATE

ID: 54193-36-1

%: 0.0000 - 2.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Topical
Treatment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Stain resistance treatment

2-PROPENOIC ACID, 3,3,4,4,5,5,6,6,7,7,8,8,8-TRIDECAFLUOROCTYL ESTER

ID: 17527-29-6

%: 0.0000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Topical
Treatment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Topical Treatment for Soil Resistance

%: 0.0000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Topical
Treatment**HAZARDS:**

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Topical Treatment for Soil Resistance

**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: Glasgow, Va.

CERTIFICATE URL: www.mohawkgroup.com

CERTIFICATION AND COMPLIANCE NOTES: The EcoFlex NXT Modular Tiles were tested at the Underwriters Laboratory in accordance with the California Department of Public Health Version 1.1. The CRI Green Label Plus program is a recognized third-party certification program for LEED V4 EQ Credit Low-Emitting Materials.

CRI Green Label Plus

ISSUE

EXPIRY

CERTIFIER OR

DATE:

DATE: 2017-

LAB: Carpet & Rug

2016-03-31

03-31

Institute

RECYCLED CONTENT

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Glasgow, Va.

CERTIFICATE URL: www.mohawkgroup.com

CERTIFICATION AND COMPLIANCE NOTES: Total Average Recycled Content 54% Pre-consumer

Underwriters Laboratory

ISSUE DATE:

EXPIRY DATE:

CERTIFIER OR LAB:

2016-01-16

2017-01-17

Underwritersa Laboratory

OTHER

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Glasgow Va.

CERTIFICATE URL:

http://productguide.ulenvironment.com/productDocuments/1258/15/57409_EPD_Mohawk_EcoFlex%20NXT%20Gold.pdf

CERTIFICATION AND COMPLIANCE NOTES: A Life Cycle Analysis (LCA) was performed and Peer Reviewed against ISO 14040-14044 to insure all requirements were met. The NSF Product Category Rules were utilized as a basis for the Environmental Product Declaration (EPD), the Underwriters Laboratory (UL) was chosen as the Program Operator. The EPD was reviewed and approved by UL prior to publishing on their website.

**Environmental product
Declaration**

ISSUE

EXPIRY

CERTIF

DATE:

DATE:

OR LAB

2015-

2019-

Underw

05-20

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Laborat

**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.

ENPRESS ADHESIVE**HPD URL: No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: The use of Mohawk Groups adhesives for installation is required to ensure optimum results and are the only adhesives warranted by Mohawk Group. Failure to use Mohawk Groups adhesive will result in warranties being null and void.

**Section 5: General Notes**

The EcoFlex NXT carpet tile backing is up to 40% lighter than competitive products. Contains no plasticizers and is Living Building Challenge Red

List Free.



MANUFACTURER INFORMATION

MANUFACTURER: Mohawk Group

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USA

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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

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)

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.