

CLASSIFICATION: 09 68 13 Carpeting - Carpet Tile

PRODUCT DESCRIPTION: Mohawk Group Commercial Nylon Modular Tiles on EcoFlex Matrix have a composite construction of a tufted nylon, primary backing, bicomponent scrim, pre-coat polymer with an extruded polyolefin modular backing that does not contain PVC. It also incorporates a minimum of 40% pre-consumer recycled content.

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 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

NYLON MODULAR TILES ON ECOFLEX MATRIX [LIMESTONE; CALCIUM CARBONATE LT-UNK NYLON 6 LT-UNK ETHYLENE-PROPYLENE COPOLYMER LT-UNK CALCIUM CARBONATE BM-3 POLYETHYLENE TEREPHTHALATE (PET) LT-UNK 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH 1,3-BUTADIENE NoGS 2,5-FURANDIONE, POLYMER WITH ETHENE AND 1-PROPENE LT-UNK POLYPROPYLENE LT-UNK AMMONIUM LAURYL SULFATE NoGS CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK POLYETHYLENE LT-UNK 2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE LT-UNK NYLON 6,6 LT-UNK NYLON 6 (WITH STAIN RESISTANCE) LT-UNK BENZENESULFONIC ACID, HYDROXY-, MONOSODIUM SALT, POLYMER WITH FORMALDEHYDE AND 4,4'-SULFONYLBIS[PHENOL] LT-UNK]

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

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

INVENTORY AND SCREENING NOTES:

Inventory disclosed per threshold.

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: ILFI Declare - Red List Free

Recycled content: UL Environmental Claim Validation - Recycled content

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-08-27

PUBLISHED DATE: 2018-08-27

EXPIRY DATE: 2021-08-27



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

NYLON MODULAR TILES ON ECOFLEX MATRIX

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered based on best practices of raw material suppliers, Mohawk EHS policies, and enrollment in CRI's GLP program for IAQ.

OTHER PRODUCT NOTES: EHS policies considered for each raw material residual and impurity. The residuals have been evaluated to California Department of Public Health Version 1.1

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 25.0000 - 35.0000 GS: LT-UNK RC: PreC NANO: No ROLE: Backing ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Pre-Consumer recycled backing filler.

NYLON 6

ID: 25038-54-4

#: 20.0000 - 40.0000 GS: LT-UNK RC: PreC NANO: No ROLE: Face Fiber and Bi-Co Scrim

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Nylon 6 Face Fiber contains 34% pre-consumer recycled content. Also Nylon 6 is used in the Bi-component scrim for dimensional stability.

ETHYLENE-PROPYLENE COPOLYMER

ID: 9010-79-1

#: 10.0000 - 15.0000 GS: LT-UNK RC: None NANO: No ROLE: Backing ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Backing ingredient

CALCIUM CARBONATE

ID: 471-34-1

%: 10.0000 - 18.0000	GS: BM-3	RC: PreC	NANO: No	ROLE: Backing Ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Backing Ingredient****POLYETHYLENE TEREPHTHALATE (PET)**

ID: 25038-59-9

%: 4.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Backing ingredient****2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH 1,3-BUTADIENE**

ID: 25232-40-0

%: 1.0000 - 5.0000	GS: NoGS	RC: None	NANO: No	ROLE: Backing
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Butadiene Acrylate****2,5-FURANDIONE, POLYMER WITH ETHENE AND 1-PROPENE**

ID: 31069-12-2

%: 0.1000 - 0.7000	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Backing ingredient****POLYPROPYLENE**

ID: 9003-07-0

%: 0.1000 - 1.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Backing ingredient**

AMMONIUM LAURYL SULFATE

ID: 68081-96-9

%: 0.0010 - 0.0400	GS: NoGS	RC: None	NANO: No	ROLE: Backing ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Backing ingredient****CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**

ID: 65997-17-3

%: 0.0010 - 0.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Backing ingredient****POLYETHYLENE**

ID: 9002-88-4

%: 0.0010 - 0.0500	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Backing ingredient****2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE**

ID: 25322-99-0

%: 0.0010 - 0.0500	GS: LT-UNK	RC: None	NANO: No	ROLE: Fiber treatment
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Fiber treatment****NYLON 6,6**

ID: 32131-17-2

%: 0.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Nylon 6.6 Face Fiber
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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 and styling.**

NYLON 6 (WITH STAIN RESISTANCE)

ID: 25038-54-4

#: 0.0000 - 25.0000

GS: LT-UNK

RC: PreC

NANO: No

ROLE: Face Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Face Fiber with inherent stain resistance may be combined with Nylon 6,6 fibers for styling and design purposes.

**BENZENESULFONIC ACID, HYDROXY-, MONOSODIUM SALT, POLYMER WITH
FORMALDEHYDE AND 4,4'-SULFONYLBIS[PHENOL]**

ID: 71832-81-0

#: 0.0000 - 0.0700

GS: LT-UNK

RC: None

NANO: No

ROLE: Fiber treatment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Fiber treatment

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**
APPLICABLE FACILITIES: **Glasgow VA**
CERTIFICATE URL: <http://www.carpet-rug.org/glproducts>

ISSUE DATE: **2009-03-19** EXPIRY DATE: **2019-03-31** CERTIFIER OR LAB: **CRI**

CERTIFICATION AND COMPLIANCE NOTES: **EcoFlex Matrix Modular Carpet was tested at the Underwriters Laboratory in accordance with the California Department of Public Health Version 1.1 2010. The CRI Green Label Plus program is a recognized third- party certification program for LEED V4 EQ Credit Low-Emitting Materials.**

OTHER

ILFI Declare - Red List Free

CERTIFYING PARTY: **Self-declared**
APPLICABLE FACILITIES: **Glasgow VA**
CERTIFICATE URL: <http://www.declareproducts.com>

ISSUE DATE: **2017-10-31** EXPIRY DATE: **2018-11-01** CERTIFIER OR LAB: **ILFI**

CERTIFICATION AND COMPLIANCE NOTES: **Red List Free**

RECYCLED CONTENT

UL Environmental Claim Validation - Recycled content

CERTIFYING PARTY: **Third Party**
APPLICABLE FACILITIES: **Glasgow VA**
CERTIFICATE URL: <http://www.mohawkind.com>

ISSUE DATE: **2017-12-27** EXPIRY DATE: **2018-11-28** CERTIFIER OR LAB: **UL**

CERTIFICATION AND COMPLIANCE NOTES: **UL ECVP**

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.

FLEXLOK INSTALLATION SYSTEM

HPD URL: <http://www.mohawkgroup.com>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Required to use either FlexLok Installation System or Mohawk EnPress Adhesive for warranties.

ENPRESS ADHESIVE

HPD URL: <http://www.mohawkgroup.com>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Required to use either Mohawk EnPress Adhesive or FlexLok Installation System for warranties.

Section 5: General Notes

Mohawk Group Commercial Nylon Modular Tiles on EcoFlex Matrix have a composite construction of a tufted nylon, primary backing, bicomponent scrim, pre-coat polymer with an extruded polyolefin modular backing that does not contain PVC. It also incorporates pre-consumer recycled content.



MANUFACTURER INFORMATION

MANUFACTURER: **Mohawk Group**

ADDRESS: **160 South Industrial Blvd**

Calhoun GA 30701, USA

WEBSITE: **http://www.mohawkind.com**

CONTACT NAME: **George Bandy**

TITLE: **Vice President of Sustainability**

PHONE: **706-629-7721**

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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)

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:

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.