

**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](http://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**

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**

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**

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**

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**

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

%: <b>0.0010 - 0.0400</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Backing ingredient</b>
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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

%: <b>0.0010 - 0.5000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Backing ingredient</b>
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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

%: <b>0.0010 - 0.0500</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Backing ingredient</b>
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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

%: <b>0.0010 - 0.0500</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Fiber treatment</b>
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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

%: <b>0.0000 - 10.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Nylon 6.6 Face Fiber</b>
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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/glpproducts>

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

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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**  
EMAIL: **george\_bandy@mohawkind.com**

## KEY

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**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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> 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.*