

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.

Section 1: Summary

CONTENT INVENTORY

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

NYLON MODULAR TILES ON ECOFLEX ICT [FLY ASH **LT-UNK** 1-OCTENE, POLYMER WITH ETHENE **LT-UNK** LIMESTONE; CALCIUM CARBONATE **LT-UNK** GLASS / MINERAL FIBER **LT-UNK** BUTADIENNE ACRYLATE ? 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENENITRILE **LT-UNK** NYLON 6 **LT-UNK** NYLON 6,6 **LT-UNK** POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** AMMONIUM LAURYL SULFATE POLYACRYLIC ACID, SODIUM SALT **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

CERTIFICATIONS AND COMPLIANCE

VOC Content data is not applicable for this product category.

- Self-Published* VERIFIER: SCREENING DATE: March 23, 2016 EXPIRY DATE*: March 23, 2019
 Third Party Verified VERIFICATION #: RELEASE DATE: March 23, 2016 * or within 3 months of significant change in product contents

*See HPDC website for details

Section 2: Content in Descending Order of Quantity

Nylon Modular Tiles on EcoFlex ICT

%: 100.00 - 100.00

HPD URL: www.mohawkgroup.com

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: All individual substances at 1000 ppm or more are included and have been characterized against the HPD Priority Hazard List.

FLY ASH

ID: 68131-74-8

%: 30.00 - 40.00

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: Filler is added to the backing for dimensional stability. The pre-consumer content is certified by the Underwriters Laboratory.

1-Octene, polymer with ethene

ID: 26221-73-8

%: 5.00 - 10.00 GS: LT-UNK RC: None NANO: NO ROLE: Backing Resin

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Backing Polymer

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 5.00 - 15.00

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: The substance is a backing filler, that is a mineral extracted from the ground that provides dimensional stability. The recycled content is certified by the Underwriters Laboratory.

GLASS / MINERAL FIBER

ID: 65997-17-3

%: 1.00 - 5.00 GS: LT-UNK RC: None NANO: NO ROLE: backing Stabilizer

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Scrim added for dimensional stability

Butadienne Acrylate

ID: 25232-40-0

%: 1.00 - 10.00

GS: ?

RC: None

NANO: NO

ROLE: backing

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 Sustainability with the following Finding: "Based on the review the chemical may be disclosed on a HPD with the Hazard language none found" (no warnings found on HPD priority lists.

2-Propenoic acid, butyl ester, polymer with ethyl 2-propenoate, N-(hydroxymethyl)-2-propenamamide, 2-propenamamide and 2-propenenitrile

ID: 61467-52-5

%: 0.00 - 2.00

GS: LT-UNK

RC: None NANO: NO

ROLE: Stabilizer
Scrim

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Modified Acrylic Copolymer

NYLON 6

ID: 25038-54-4

%: 0.00 - 25.00

GS: LT-UNK

RC: PreC

NANO: NO

ROLE: Carpet Yarn

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Carpet Yarn with pre-consumer recycled content may be combined with Nylon 6.6 fiber styling or design purposes.

NYLON 6,6

ID: 32131-17-2

%: 0.00 - 25.00

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: Carpet Yarn may be combined with Nylon 6 for styling or design purposes

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 0.00 - 5.00

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: Primary Backing combined with Polypropylene Blend

Ammonium lauryl sulfate

ID: 68081-96-9

%: 0.00 - 2.00 GS: LT-UNK RC: None NANO: NO ROLE: Coating

HAZARDS: AGENCY(IES) WITH WARNINGS:

SUBSTANCE NOTES: Surfactant

POLYACRYLIC ACID, SODIUM SALT ID: 9003-04-7
%: 0.00 - 2.00 GS: LT-UNK RC: None NANO: NO ROLE: Coating

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: coating

SODIUM POLYMETHACRYLATE ID: 54193-36-1
%: 0.00 - 2.00 GS: LT-UNK RC: None NANO: NO ROLE: Topical Treatmet

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Fiber Treatment

2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester ID: 17527-29-6
%: 0.00 - 2.00 GS: LT-UNK RC: None NANO: NO ROLE: Topical Treatmet

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: Soil Resistance

2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester ID: 2144-53-8
%: 0.00 - 2.00 GS: LT-UNK RC: None NANO: NO ROLE: Topical Treatmet

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: 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 CONTENT

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 DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2015-06-30	2016-06-30	Carpet & Rug 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

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.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Mohawk Group CONTACT NAME: J. L. Williams

ADDRESS: 250 South Industrial Dr. TITLE: Sr. Director R&D
Calhoun, Ga. 30701
USA PHONE: 706-624-2639

WEBSITE: www.mohawkgroup.com EMAIL: jim_williams@mohawkind.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

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.