

CLASSIFICATION: 09 68 13

PRODUCT DESCRIPTION: THE NEXT EVOLUTION IN RED LIST FREE CUSHION BACKED CARPET TILE, ECOFLEX™ NXT AIR OFFERS SUBSTANTIAL SOUND REDUCTION AND ENHANCED COMFORT UNDER FOOT. IT ALSO INCORPORATES AN AVERAGE OF 55% RECYCLED CONTENT BY TOTAL PRODUCT WEIGHT. IT HAS A COMPOSITE CONSTRUCTION OF TUFTED NYLON FACE, PRIMARY BACKING, FIBERGLASS SCRIM AND PRE-COAT POLYMER WITH A CUSHION BACK.

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

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

Recycled content: UL Environmental Claim Validation - Recycled content

Other: ILFI Declare - Red List Free

Multi-attribute: NSF/ANS 140-2007e - Platinum

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes

PREPARER: Self-Prepared

VERIFIER:

SCREENING DATE: 2018-08-27

PUBLISHED DATE: 2018-08-27



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

ECOFLEX™ NXT AIR MODULAR TILES

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

NYLON 6

ID: 25038-54-4

#: 25.0000 - 35.0000 GS: LT-UNK RC: PreC NANO: No ROLE: Nylon Face Fiber

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

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 20.0000 - 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.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

#: 15.0000 - 20.0000 GS: LT-UNK RC: Both NANO: No ROLE: Primary backing and felt cushion back

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Post-Consumer manufactured from PET Bottles

ETHYLENE-PROPYLENE COPOLYMER

ID: 9010-79-1

%: 10.0000 - 17.0000	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****CALCIUM CARBONATE**

ID: 471-34-1

%: 7.0000 - 10.0000	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****POLYPROPYLENE**

ID: 9003-07-0

%: 1.0000 - 5.0000	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****CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**

ID: 65997-17-3

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Backing ingredient for dimensional stability
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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**

1-BUTENE, POLYMER WITH ETHENE AND 1-PROPENE

ID: 25895-47-0

%: **1.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Cushion Adhesive**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: APO Hot Melt Adhesive

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

ID: 71832-81-0

%: **0.0010 - 0.0400** 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

AMMONIUM LAURYL SULFATE

ID: 68081-96-9

%: **0.0010 - 0.0300** GS: **NoGS** 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-, POLYMER WITH ETHYL 2-PROPENOATE, SODIUM SALT

ID: 41487-53-0

%: **0.0010 - 0.0020** 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

2,5-FURANDIONE, POLYMER WITH ETHENE AND 1-PROPENE

ID: 31069-12-2

%: **0.0010 - 0.6000** 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

POLYETHYLENE

ID: 9002-88-4

%: **0.0010 - 0.0500** 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-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE**

ID: 25322-99-0

%: **0.0010 - 0.0300** 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****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.****NYLON 6,6**

ID: 32131-17-2

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

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

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2009-03-19** EXPIRY DATE: **2019-03-31** CERTIFIER OR LAB: **CRI**
APPLICABLE FACILITIES: **Glasgow, VA**
CERTIFICATE URL: <http://www.mohawkgroup.com>

CERTIFICATION AND COMPLIANCE NOTES: The EcoFlex NXT Air 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.

RECYCLED CONTENT

UL Environmental Claim Validation - Recycled content

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2016-01-21** EXPIRY DATE: **2018-11-28** CERTIFIER OR LAB: **UL**
APPLICABLE FACILITIES: **Glasgow, VA**
CERTIFICATE URL: <http://www.mohawkgroup.com>

CERTIFICATION AND COMPLIANCE NOTES: **Total Average Recycled Content 55% with 12% Post-consumer and 43% Pre-consumer**

OTHER

ILFI Declare - Red List Free

CERTIFYING PARTY: **Self-declared**
ISSUE DATE: **2016-11-01** EXPIRY DATE: **2018-11-01** CERTIFIER OR LAB: **ILFI**
APPLICABLE FACILITIES: **Glasgow VA**
CERTIFICATE URL: <http://www.declareproducts.com>

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

MULTI-ATTRIBUTE

NSF/ANS 140-2007e - Platinum

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2017-08-25** EXPIRY DATE: **2018-12-31** CERTIFIER OR LAB: **NSF**
APPLICABLE FACILITIES: **Glasgow VA**
CERTIFICATE URL: <http://www.mohawkgroup.com>

CERTIFICATION AND COMPLIANCE NOTES: **Certified NSF/ANSI 140 Platinum with a minimum of 12% post-consumer recycled content**

MULTI-ATTRIBUTE

Environmental Product Declaration (EPD) by UL

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2018-02-14** EXPIRY DATE: **2023-02-14** CERTIFIER OR LAB: **UL**
APPLICABLE FACILITIES: **Glasgow VA**
CERTIFICATE URL: <http://www.mohawkind.com>

CERTIFICATION AND COMPLIANCE NOTES:

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or

ENPRESS ADHESIVE

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

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 adhesive 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 AIR Modular Tile is the next generation of cushion tile which provides superior thermal resistance (R Factor) and sound insulation. Reduces the impact of injuries from falls and trips which is useful in assisted living or healthcare installations. Contains no plasticizer, and has a both pre-consumer and post-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**
EMAIL: **george_bandy@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	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.