

HPD UNIQUE IDENTIFIER: 25927

CLASSIFICATION: 09 68 13 Tile Carpeting

PRODUCT DESCRIPTION: THIS PRODUCT ACHIEVED THE HIGHEST CERTIFICATION FROM NSF140-2015 AS PLATINUM LEVEL FOR SUSTAINABILITY ASSESSMENT, WHICH IS RARE FOR CARPET. THE NEXT EVOLUTION IN RED LIST FREE CUSHION BACKED CARPET TILE. ECOFLEX™ NXT AIR OFFERS SUBSTANTIAL SOUND REDUCTION AND ENHANCED COMFORT UNDER FOOT. 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	Threshold level	Residuals/Impurities	
☐ Nested Materials Method	☐ 100 ppm	☒ Considered	<i>All Substances Above the Threshold Indicated Are:</i>
☒ Basic Method	☒ 1,000 ppm	☐ Partially Considered	Characterized ☐ Yes Ex/SC ☒ Yes ☐ No
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Considered	% weight and role provided for all substances.
☐ Material	☐ Other	Explanation(s) provided for Residuals/Impurities?	Screened ☐ Yes Ex/SC ☒ Yes ☐ No
☒ Product		☒ Yes ☐ No	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
			Identified ☐ Yes Ex/SC ☒ Yes ☐ No
			<i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>

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 1-BUTENE,
POLYMER WITH ETHENE AND 1-PROPENE LT-UNK 2-PROPENOIC
ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH 1,3-BUTADIENE
NoGS CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-
UNK POLYPROPYLENE 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
Multi-attribute: Environmental Product Declaration (EPD) by UL
Other: ILFI Declare - Red List Free

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: 2021-08-24

PUBLISHED DATE: 2021-08-25

EXPIRY DATE: 2024-08-24

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-08-24 13:48:49

?: 25.0000 - 35.0000

GS: LT-UNK

RC: PreC

NANO: No

SUBSTANCE ROLE: Textile component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Nylon 6 Face Fiber contains 34% pre-consumer recycled content

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-08-24 13:48:49

?: 20.0000 - 35.0000

GS: LT-UNK

RC: PreC

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Pre-Consumer recycled backing filler.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-08-24 13:48:50

?: 15.0000 - 20.0000

GS: LT-UNK

RC: Both

NANO: No

SUBSTANCE ROLE: Textile component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Post-Consumer manufactured from PET Bottles

ETHYLENE-PROPYLENE COPOLYMER

ID: 9010-79-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:50		
%: 10.0000 - 17.0000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Backing ingredient					

CALCIUM CARBONATE					ID: 471-34-1
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:51		
%: 7.0000 - 10.0000		GS: BM-3	RC: PreC	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Backing Ingredient					

1-BUTENE, POLYMER WITH ETHENE AND 1-PROPENE					ID: 25895-47-0
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:51		
%: 1.0000 - 5.0000	GS: LT-UNK		RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: APO Hot Melt Adhesive					

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH 1,3-BUTADIENE					ID: 25232-40-0
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:51		
%: 1.0000 - 5.0000		GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Butadiene Acrylate					

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE					ID: 65997-17-3
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:52		
%: 1.0000 - 5.0000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Backing ingredient					

POLYPROPYLENE					ID: 9003-07-0
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:52		
%: 1.0000 - 5.0000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Backing ingredient					

BENZENESULFONIC ACID, HYDROXY-, MONOSODIUM SALT, POLYMER WITH FORMALDEHYDE AND 4,4'-SULFONYLBIS[PHENOL]					ID: 71832-81-0
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:53		
%: 0.0010 - 0.0400		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Fiber treatment					

AMMONIUM LAURYL SULFATE					ID: 68081-96-9
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:53		
%: 0.0010 - 0.0300		GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Emulsifier
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Backing ingredient					

2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH ETHYL 2-PROPENOATE, SODIUM SALT					ID: 41487-53-0
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:54		
%: 0.0010 - 0.0020		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Antistain
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Backing ingredient					

2,5-FURANDIONE, POLYMER WITH ETHENE AND 1-PROPENE					ID: 31069-12-2
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 13:48:54		
%: 0.0010 - 0.6000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Antistain

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: Backing ingredient		

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 13:48:55		
%: 0.0010 - 0.0500	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard 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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 13:48:55		
%: 0.0010 - 0.0300	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Antistain
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Fiber Treatment				

NYLON 6 (WITH STAIN RESISTANCE)

ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 13:48:55		
%: 0.0000 - 25.0000	GS: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard 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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 13:48:56		
%: 0.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard 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-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: CRI
APPLICABLE FACILITIES: Glasgow, VA	19	09-27	
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-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Glasgow, VA	21	12-29	
CERTIFICATE URL: http://www.mohawkgroup.com			
CERTIFICATION AND COMPLIANCE NOTES: Tufted nylon carpet tile products on EcoFlex NXT Air backing contains a weighted average of 63% recycled content, consisting of an average of 15% post-consumer and 53% pre-consumer recycled content.			
MULTI-ATTRIBUTE		Environmental Product Declaration (EPD) by UL	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2018-02-	EXPIRY DATE: 2023-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: Glasgow VA	14	02-14	
CERTIFICATE URL: http://www.mohawkind.com			
CERTIFICATION AND COMPLIANCE NOTES:			
OTHER		ILFI Declare - Red List Free	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2016-11-	EXPIRY DATE: 2022-	CERTIFIER OR LAB: ILFI
APPLICABLE FACILITIES: Glasgow VA	01	09-01	
CERTIFICATE URL: http://www.declareproducts.com			
CERTIFICATION AND COMPLIANCE NOTES: Red List Free			
MULTI-ATTRIBUTE		ILFI Declare - LBC Compliant - Third Party Verified	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2018-06-	EXPIRY DATE: 2022-	CERTIFIER OR LAB: WAP
APPLICABLE FACILITIES: Glasgow, VA	12	09-01	Sustainability
CERTIFICATE URL: https://declare.living-future.org/products/nylon-modular-carpet-on-ecoflex-air-backing			
CERTIFICATION AND COMPLIANCE NOTES:			
MULTI-ATTRIBUTE		NSF/ANSI 140-2015 Sustainability Assessment for Carpet Standard	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2017-08-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: NSF
APPLICABLE FACILITIES: Glasgow, VA	25	12-31	
CERTIFICATE URL: http://info.nsf.org/Certified/Sustain/ProdCert/C0021925-106.pdf			
CERTIFICATION AND COMPLIANCE NOTES: NSF140 Platinum			

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.

Nylon Modular Tiles on EcoFlex NXT AIR
hpdrepository.hpd-collaborative.org

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 EcFlex 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: Robert Marshall
TITLE: Director, Special Services
PHONE: 800-554-6637
EMAIL: Robert_Marshall@MohawkInd.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.