

HPD UNIQUE IDENTIFIER: 25926
CLASSIFICATION: 09 68 13 Tile Carpeting
PRODUCT DESCRIPTION: Mohawk Group EcoFlex NXT Modular Carpet Tiles have a composite construction of a tufted nylon face, primary backing, fiberglass scrim, pre-coat polymer with an extruded polyolefin modular backing. The EcoFlex Modular Carpet Tiles with Solution-Dyed Nylon are also Living Building Challenge Red List Free.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	% weight and role provided for all substances.
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided for Residuals/Impurities?	All substances screened using Priority Hazard Lists with results disclosed.
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
			All substances disclosed by Name (Specific or Generic) and Identifier.

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 CARPET TILES ON ECOFLEX™ NXT [NYLON 6
LT-UNK LIMESTONE; CALCIUM CARBONATE LT-UNK ETHYLENE-
PROPYLENE COPOLYMER LT-UNK CALCIUM CARBONATE BM-3
POLYETHYLENE TEREPHTHALATE (PET) LT-UNK CONTINUOUS
FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK 2-PROPENOIC
ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH 1,3-BUTADIENE
NoGS 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-
PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-
PROPENAMIDE AND 2-PROPENENITRILE LT-UNK POLYPROPYLENE
LT-UNK 2,5-FURANDIONE, POLYMER WITH ETHENE AND 1-
PROPENE LT-UNK BENZENESULFONIC ACID, HYDROXY-,
MONOSODIUM SALT, POLYMER WITH FORMALDEHYDE AND 4,4'-
SULFONYLBIS[PHENOL] LT-UNK POLYETHYLENE LT-UNK NYLON
6,6 LT-UNK NYLON 6 (WITH STAIN RESISTANCE) LT-UNK 2-
PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH
BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE
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
Multi-attribute: ILFI Declare - LBC Compliant - Third Party Verified

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

NYLON MODULAR CARPET TILES ON ECOFLEX™ NXT

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 16:14:29

#: 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: Face Fiber with pre-consumer recycled content may be combined with Nylon 6,6 fibers for styling and design purposes.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-24 16:14:29

#: 25.0000 - 40.0000 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: The recycled content is 3rd party verified.

ETHYLENE-PROPYLENE COPOLYMER

ID: 9010-79-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-24 16:14:30

#: 10.0000 - 20.0000 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 16:14:30		
%: 8.0000 - 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: The recycled content is 3rd party verified.				

POLYETHYLENE TEREPHTHALATE (PET)

ID: **25038-59-9**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 16:14:30		
%: 4.0000 - 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: Backing Ingredient				

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: **65997-17-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 16:14:31		
%: 1.0000 - 2.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
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-, 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 16:14:31		
%: 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				

2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENENITRILE

ID: **61467-52-5**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2021-08-24 16:14:32	
%: 0.0100 - 0.2000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
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 16:14:32	
%: 0.0100 - 1.0000	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			

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 16:14:33		
%: 0.0100 - 0.1000	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				

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 16:14:33	
%: 0.0010 - 0.0500	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			

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 16:14:34	
%: 0.0010 - 0.0500	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			

NYLON 6,6

ID: 32131-17-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 16:14:34	
%: 0.0000 - 10.0000	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 6,6 yarns may be combined with Nylon 6 for styling and design purposes.		

NYLON 6 (WITH STAIN RESISTANCE)

ID: 25038-54-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-08-24 16:14:34		
%: 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.				

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 16:14:35		
%: 0.0000 - 1.0000	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				

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 APPLICABLE FACILITIES: Glasgow, VA CERTIFICATE URL: http://www.mohawkgroup.com		ISSUE DATE: 2009-03-19	EXPIRY DATE: 2021-09-27 CERTIFIER OR LAB: CRI
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.			
RECYCLED CONTENT		UL Environmental Claim Validation - Recycled content	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Glasgow, VA CERTIFICATE URL: http://www.mohawkgroup.com		ISSUE DATE: 2016-01-16	EXPIRY DATE: 2021-12-29 CERTIFIER OR LAB: UL
CERTIFICATION AND COMPLIANCE NOTES: Tufted nylon carpet tile products on EcoFlex NXT backing contain a minimum of 40% pre-consumer recycled content with a weighted average of 63% pre-consumer recycled content.			
MULTI-ATTRIBUTE		Environmental Product Declaration (EPD) by UL	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Glasgow VA CERTIFICATE URL: http://www.spot.ulprospector.com/en/na/BuiltEnvironment		ISSUE DATE: 2014-05-23	EXPIRY DATE: 2023-02-14 CERTIFIER OR LAB: UL
CERTIFICATION AND COMPLIANCE NOTES: Life Cycle Analysis (LCA) was performed and Peer Reviewed against ISO 14040-14044 to insure all requirements were met. The NSF Product Category Rules were utilized as a basis for the Environmental Product Declaration (EPD), the Underwriters Laboratory (UL) was chosen as the Program Operator. ThePD was reviewed and approved by UL prior to publishing on their website.			
MULTI-ATTRIBUTE		ILFI Declare - LBC Compliant - Third Party Verified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Glasgow, VA CERTIFICATE URL: https://declare.living-future.org/products/nylon-modular-carpet-on-ecoflex-nxt-backing		ISSUE DATE: 2018-06-12	EXPIRY DATE: 2022-09-01 CERTIFIER OR LAB: WAP Sustainability
CERTIFICATION AND COMPLIANCE NOTES:			
MULTI-ATTRIBUTE		ILFI Declare - Red List Free - Third Party Verified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Glasgow, VA CERTIFICATE URL: https://declare.living-future.org/products/nylon-modular-carpet-on-ecoflex-nxt-backing		ISSUE DATE: 2018-06-12	EXPIRY DATE: 2022-09-01 CERTIFIER OR LAB: WAP Sustainability
CERTIFICATION AND COMPLIANCE NOTES:			
MULTI-ATTRIBUTE		NSF/ANSI 140-2015 Sustainability Assessment for Carpet Standard	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Glasgow, VA CERTIFICATE URL: http://info.nsf.org/Certified/Sustain/ProdCert/C0021925-102.pdf		ISSUE DATE: 2011-08-25	EXPIRY DATE: 2021-12-31 CERTIFIER OR LAB: NSF
CERTIFICATION AND COMPLIANCE NOTES: NSF140 Gold			



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:** <http://www.mohawkgroup.com>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

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

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.



Section 5: General Notes

The EcoFlex NXT modular carpet tiles are up to 40% lighter than similar competitive products.

MANUFACTURER INFORMATION

MANUFACTURER: **Mohawk Group**
 ADDRESS: **160 South Industrial Blvd**
Calhoun GA 30701, USA
 WEBSITE: **<https://www.mohawkgroup.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.