

HPD UNIQUE IDENTIFIER: 244063454208

CLASSIFICATION: 09 68 13 Tile Carpeting

PRODUCT DESCRIPTION: EcoFlex ONE is an advanced flooring solution that improves every aspect of comfort and acoustics while eliminating moisture testing—all with a lighter environmental footprint that is Beyond Carbon Neutral. Tested, proven, and certified, EcoFlex ONE is the holistic solution for human-centric environments.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed	Characterized <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 Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>Provided name and CAS RN or other 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

NYLON MODULAR CARPET TILES ON ECOFLEX ONE [CALCIUM CARBONATE BM-3 NYLON 6 (WITH STAIN RESISTANCE) LT-UNK ETHENE, POLYMER WITH 1-PROPENE LT-UNK POLYETHYLENE TEREPHTHALATE (PET) LT-UNK CALCIUM CARBONATE BM-3 POLYETHYLENE TEREPHTHALATE (PET) LT-UNK 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH 1,3-BUTADIENE NoGS NAPHTHA (PETROLEUM), LIGHT STEAM-CRACKED AROM., PIPERYLENE CONC., POLYMD. LT-UNK 1-PROPENE, HOMOPOLYMER, ISOTACTIC LT-UNK ETHYLENE/MA COPOLYMER LT-UNK POLYPROPYLENE LT-UNK FIBERGLASS (PRIMARY CASRN IS 65997-17-3) LT-UNK 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENITRILE LT-UNK AMMONIUM LAURYL SULFATE NoGS CARBON BLACK BM-1 CAN 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH ETHYL 2-PROPENOATE, SODIUM SALT LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 2
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1
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
Multi-attribute: Environmental Product Declaration (EPD) by UL

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified? <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2022-04-07 PUBLISHED DATE: 2023-10-26 EXPIRY DATE: 2025-04-07
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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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

NYLON MODULAR CARPET TILES ON ECOFLEX ONE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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

CALCIUM CARBONATE

ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-04-07 10:32:09

#: 30.0000 - 40.0000

GreenScreen: BM-3

RC: PreC

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Pre-consumer recycled calcium carbonate from manufacturing and quarry wastes

NYLON 6 (WITH STAIN RESISTANCE)

ID: 25038-54-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-04-07 10:17:46

#: 25.0000 - 35.0000

GreenScreen: LT-UNK

RC: PreC

NANO: No

SUBSTANCE ROLE: Textile component

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: recycled content from post-industrial manufacturing waste

ETHENE, POLYMER WITH 1-PROPENE

ID: 9010-79-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2022-04-07 10:29:05**

#: **7.0000 - 12.0000**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Coating**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

POLYETHYLENE TEREPHTHALATE (PET)

ID: **25038-59-9**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2022-04-07 10:32:44**

#: **10.0000 - 12.0000**

GreenScreen: **LT-UNK**

RC: **PostC**

NANO: **No**

SUBSTANCE ROLE: **Cushioning**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Recycled content from various sources including curbside recycling

CALCIUM CARBONATE

ID: **471-34-1**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2022-04-07 10:27:03**

#: **8.0000 - 10.0000**

GreenScreen: **BM-3**

RC: **PreC**

NANO: **No**

SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Pre-consumer recycled calcium carbonate from manufacturing and quarry wastes

POLYETHYLENE TEREPHTHALATE (PET)

ID: **25038-59-9**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2022-04-07 10:18:58**

#: **4.0000 - 5.0000**

GreenScreen: **LT-UNK**

RC: **Both**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Recycled content from various sources including curbside recycling		

2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH 1,3-BUTADIENE

ID: 25232-40-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-07 10:23:07		
%: 2.0000 - 5.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

NAPHTHA (PETROLEUM), LIGHT STEAM-CRACKED AROM., PIPERYLENE CONC., POLYMD.

ID: 68478-07-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-07 10:31:24		
%: 1.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Tackifier
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

1-PROPENE, HOMOPOLYMER, ISOTACTIC

ID: 25085-53-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-07 10:30:00		
%: 1.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

ETHYLENE/MA COPOLYMER

ID: 9006-26-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-07 10:30:39		
%: 0.5000 - 1.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

POLYPROPYLENE

ID: 9003-07-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-07 10:19:39		
%: 0.5000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

FIBERGLASS (PRIMARY CASRN IS 65997-17-3)

ID: 94551-77-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-07 10:20:45		
%: 0.2000 - 0.4000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

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

ID: 61467-52-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-04-07 10:22:02**

%: **0.1000 - 0.2000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

AMMONIUM LAURYL SULFATE

ID: 68081-96-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-04-07 10:27:44**

%: **0.0100 - 0.0500** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

CARBON BLACK

ID: 1333-86-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-04-07 10:26:22**

%: **0.0100 - 0.0200** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This component is bound in the finished product. As such, the warning notification does not offer any exposure based hazard information. The identifying material does not pose any increased risk to human health under normal conditions of use or exposure.

2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH ETHYL 2-PROPENOATE, SODIUM SALT

ID: 41487-53-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-07 10:28:26		
%: 0.0100 - 0.0200	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES:

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: <https://carpet-rug.org/testing/green-label-plus/carpet-products/>

ISSUE DATE: 2022-04-12
EXPIRY DATE:

CERTIFIER OR LAB: The Carpet and Rug Institute

CERTIFICATION AND COMPLIANCE NOTES:

MULTI-ATTRIBUTE

Environmental Product Declaration (EPD) by UL

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Glasgow, VA
CERTIFICATE URL:

ISSUE DATE: 2022-04-01
EXPIRY DATE: 2027-04-01

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. The EPD was reviewed and approved by UL prior to publishing on their website.

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

MANUFACTURER (OR GENERIC): Mohawk Group

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

ACCESSORY TYPE: Adhesive

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

MANUFACTURER (OR GENERIC): Mohawk Group

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

ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Required to use either Mohawk EnPress Adhesive or the FlexLok Installation System for warranties.

Section 5: General Notes

EcoFlex ONE is an advanced flooring solution that improves every aspect of comfort and acoustics while eliminating moisture testing—all with a lighter environmental footprint that is Beyond Carbon Neutral. Tested, proven, and certified, EcoFlex ONE is the holistic solution for human-centric environments. Every element in the EcoFlex ONE construction has purpose, and combined they form the industry's leading modular carpet solution. The hydrophobic PET cushion, backing layers, and Duracolor Tricolor fiber are engineered with your end-goals in mind: to optimize your investment, be sustainably made, and provide a better occupant experience. As of 2022, all Mohawk Group flooring products will be carbon neutral plus an additional 5%. EcoFlex ONE meets Mohawk Group's commitment to Beyond Carbon Neutral.

MANUFACTURER INFORMATION

MANUFACTURER: Mohawk Group
ADDRESS: 160 S Industrial Blvd
 Calhoun, GA 30701
COUNTRY: United States

WEBSITE: <http://www.mohawkgroup.com/>
CONTACT NAME: Abby Droese
TITLE: Sustainability Manager
PHONE: 800-544-6637
EMAIL: sustainability@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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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

