

CLASSIFICATION: 09 65 1 Resilient Tile Flooring

PRODUCT DESCRIPTION: Biophilic designs such as those used in the Pivot Point Collection can reduce stress, enhance creativity and clarity of thought. As the world population continues to urbanize, these qualities are ever more important. Pivot Point ERT responds with patterns and colors inspired by nature and the world's first alternative chemistry, Red List-Free Enhanced Resilient Tile. As Mohawk Group continues its journey to Believe in Better, we move one step closer in our quest to create a healthier, socially, culturally rich and ecologically restorative future. Designed to meet the stringent requirements of the Living Product Challenge Petal Certification, Pivot Point has a net positive impact for people and the environment through the following innovations in materials, manufacturing and community involvement.

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

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes 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](#)

PIVOT POINT COLLECTION: ENHANCED RESILIENT TILE (ERT) [THERMOPLASTIC ELASTOMER NoGS CALCIUM CARBONATE BM-3 POLYPROPYLENE LT-UNK AMMONIUM POLYPHOSPHATE BM-3 POLYETHYLENE LT-UNK ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM) LT-UNK POLYPROPYLENE LT-UNK PENTAERYTHRITOL LT-UNK POLYETHYLENE LT-UNK CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK 1,2-BIS(OCTADECANAMIDO)ETHANE LT-UNK 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | EYE | MUL ANOX 20 LT-UNK CALCIUM STEARATE LT-UNK POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN1-YL)-OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)- LT-UNK ACRYLIC ACID LT-P1 | AQU | SKI | MUL HEXANEDIOIC ACID, POLYMER WITH 1,2-ETHANEDIOL AND 1,6-DIISOCYANATO-2,2,4(OR 2,4,4)-TRIMETHYLHEXANE, 2-HYDROXYETHYL ACRYLATE-BLOCKED (URETHANE ACRYLATE) NoGS]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All substances and inventory screened to the reported 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: RFCI FloorScore

Multi-attribute: ILFI Living Product Challenge 1.1

Multi-attribute: ILFI Declare - Red List Free - Third Party Verified

Multi-attribute: Environmental Product Declaration (EPD) by UL - Industry Generic

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: 2019-07-17

PUBLISHED DATE: 2019-07-22

EXPIRY DATE: 2022-07-17



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

PIVOT POINT COLLECTION: ENHANCED RESILIENT TILE (ERT)

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Both residuals and impurities are screened by EHS division of Mohawk.

OTHER PRODUCT NOTES: Review of TDS and SDS used to identify inventory in substances.

THERMOPLASTIC ELASTOMER

ID: 308079-71-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-17

%: 10.00 - 20.00

GS: NoGS

RC: None

NANO: No

ROLE: Body

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-17

%: 10.00 - 16.00

GS: BM-3

RC: None

NANO: No

ROLE: Body

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-17

%: 7.00 - 27.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Wear Layer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

AMMONIUM POLYPHOSPHATE

ID: 68333-79-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-17

%: 7.00 - 12.00

GS: BM-3

RC: None

NANO: No

ROLE: Body

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

POLYETHYLENE

ID: 9002-88-4

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17
%: 5.00 - 15.00	GS: LT-UNK	RC: None NANO: No ROLE: Print Layer
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

ETHYLENE/PROPYLENE/DIENE TERPOLYMER (EPDM)

ID: 25038-36-2

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17
%: 4.00 - 16.00	GS: LT-UNK	RC: None NANO: No ROLE: Body
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

POLYPROPYLENE

ID: 9003-07-0

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17
%: 3.00 - 20.00	GS: LT-UNK	RC: None NANO: No ROLE: Print Layer
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

PENTAERYTHRITOL

ID: 115-77-5

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17
%: 2.00 - 4.00	GS: LT-UNK	RC: None NANO: No ROLE: Body
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

POLYETHYLENE

ID: 9002-88-4

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17

%: 1.00 - 4.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Wear Layer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: **65997-17-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 1.00 - 4.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Body
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

1,2-BIS(OCTADECANAMIDO)ETHANE

ID: **110-30-5**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 0.01 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Body
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

1,6-HEXANEDIOL DIACRYLATE

ID: **13048-33-4**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 0.00 - 1.00	GS: LT-P1	RC: None	NANO: No	ROLE: Wear Layer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
SUBSTANCE NOTES:				

ANOX 20

ID: **6683-19-8**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 0.00 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Wear Layer

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

CALCIUM STEARATE

ID: 1592-23-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 0.00 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Wear Layer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

POLY(OXY-1,2-ETHANEDIYL), ALPHA-(1-OXO-2-PROPEN1-YL)-OMEGA-((1-OXO-2-PROPEN-1-YL)OXY)-

ID: 26570-48-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 0.00 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Wear Layer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

ACRYLIC ACID

ID: 79-10-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 0.00 - 1.00	GS: LT-P1	RC: None	NANO: No	ROLE: test
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life		
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES:				

HEXANEDIOIC ACID, POLYMER WITH 1,2-ETHANEDIOL AND 1,6-DIISOCYANATO-2,2,4(OR 2,4,4)-TRIMETHYLHEXANE, 2-HYDROXYETHYL ACRYLATE-BLOCKED (URETHANE ACRYLATE)

ID: 141686-56-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-07-17		
%: 0.00 - 1.00	GS: NoGS	RC: None	NANO: No	ROLE: Wear layer
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

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	RFCI FloorScore		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL: https://www.mohawkgroup.com	ISSUE DATE: 2018-10-01	EXPIRY DATE: 2019-09-30	CERTIFIER OR LAB: SCS Global Services
CERTIFICATION AND COMPLIANCE NOTES: IAQ certification			

MULTI-ATTRIBUTE	ILFI Living Product Challenge 1.1		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL: https://www.mohawkgroup.com/sitefiles/resources/pivot_point_collection_living_product_challenge_label.pdf	ISSUE DATE: 2018-06-01	EXPIRY DATE: 2021-06-11	CERTIFIER OR LAB: WAP Sustainability
CERTIFICATION AND COMPLIANCE NOTES: International Living Future Institute https://www.living-future.org/lpc			

MULTI-ATTRIBUTE	ILFI Declare - Red List Free - Third Party Verified		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL: https://www.mohawkgroup.com	ISSUE DATE: 2018-06-01	EXPIRY DATE: 2020-07-01	CERTIFIER OR LAB: WAP Sustainability
CERTIFICATION AND COMPLIANCE NOTES: Red List free certified by third party.			

MULTI-ATTRIBUTE	Environmental Product Declaration (EPD) by UL - Industry Generic		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL: https://www.mohawkgroup.com/sitefiles/resources/EPD_PivotPoint.pdf	ISSUE DATE: 2019-01-01	EXPIRY DATE: 2024-01-01	CERTIFIER OR LAB: UL
CERTIFICATION AND COMPLIANCE NOTES: Environmental Product Declaration			

LCA	ISO 14040:2006 Environmental management -- Life cycle assessment		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All facilities CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5c11228155b0e8ab008bc393?page_type=Products%20Catalog	ISSUE DATE: 2019-01-01	EXPIRY DATE: 2024-01-01	CERTIFIER OR LAB: Industrial Ecology Consultants/UL
CERTIFICATION AND COMPLIANCE NOTES: Life Cycle assessment independently verified in accordance with ISO 14044 and the reference PCR by Industrial Ecology Consultants.			

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.

MOHAWK M95 OR MS160 AEROSOL RESILIENT ADHESIVE	HPD URL: http://www.mohawkgroup.com/sitefiles/resources
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Mohawk resilient flooring M95 is recommended for use in occupied buildings as it is low in odor and contains zero calculated VOC's. It is FloorScore certified and meets requirements for CA SEC 01350 IAQ. It is CRI Green Label Plus approved SCAQMD Rule 1168 Compliant. Mohawk M95.0 may be used for installations over concrete substrates with up to 95% in-stu relative humidity per latest version of ASTM F2170 and pH between 8.0 and 10.0. The Interior air temperature and relative humidity must be maintained between 65° and 85° F and 40% - 60% RH, and the substrate temperature should be at least 5 degrees F higher than the dew point.

Section 5: General Notes

The Pivot Point Collection represents a true change in direction for sustainable resilient flooring,. Pivot Point ERT is Red List Free and manufactured using alternative chemistry and is designed to meet the stringent requirements of the Living Product Challenge Petal Certification. In this collection, design and color draw inspiration from fresh, natural materials and biophilic influence. Colors and styles can be combined or used individually to create abstract, contemporary flooring designs.

MANUFACTURER INFORMATION

MANUFACTURER: **Mohawk Group**
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Calhoun GA 30701, United States
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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.