

CLASSIFICATION: 09 60 00 - Flooring

PRODUCT DESCRIPTION: Air.O is Mohawk's latest Unified Soft Flooring product that has an integrated premium felt pad which protects sub-floors and softens each step. Air.O's fibers are created using advanced polymers which are hypoallergenic, easy to clean and will not absorb moisture, so it helps prevent the growth of allergens and microbes. Air.O's unique, unified construction provides better airflow, releasing more dust and dirt with each vacuum than carpet with traditional padding. With no latex or harmful VOCs, this hypoallergenic product is safe and odor-free. When it comes to diverting waste from landfills, Air.O Unified Soft Flooring is changing the soft flooring industry. Unlike traditional carpet, Air.O is engineered to be 100% recyclable soft flooring. Inherent stain resistance, superior soil protection, and durable construction make Air.O Unified Soft Flooring the perfect choice for a long-lasting and beautiful floor for your home. Air.O is built to last, and Mohawk Flooring has the warranties to back it up.

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

PORTICO AIR.O [POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIOL, HEXANEDIOIC ACID AND 1,6-HEXANEDIOL (PET COPOLYMER) **NoGS** POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** 1-DOCOSANOIC ACID **NoGS** 2-PROPENOIC ACID, 2-METHYL-, BUTYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE **LT-UNK** 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE **LT-UNK** ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS **LT-UNK** POLYETHYLENE TEREPHTHALATE (PET) **LT-UNK** POLYETHYLENE **LT-UNK** 1,4-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,3-PROPANEDIOL (PTT) **NoGS**]

Number of Greenscreen BM-4/BM3 contents ... 0

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All inventory reported to 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: ILFI Declare - Red List Free

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2019-05-23**

PUBLISHED DATE: **2019-06-03**

EXPIRY DATE: **2022-05-23**



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

PORTICO AIR.O

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered based on best practices of raw material suppliers, MHK's EHS policies, and enrollment in CRI's GLP program for IAQ.

OTHER PRODUCT NOTES: Mohawk's EHS policies considered for each raw material and impurity. The inventory has been evaluated to California Department of Public Health Version 1.1

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-23

#: 45.00 - 50.00

GS: LT-UNK

RC: PreC

NANO: No

ROLE: Felt Cushion

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,4-BENZENEDICARBOXYLIC ACID, 2,2-DIMETHYL-1,3-PROPANEDIOL, HEXANEDIOIC ACID AND 1,6-HEXANEDIOL (PET COPOLYMER)

ID: 87871-69-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-23

#: 6.00 - 8.00

GS: NoGS

RC:

None

NANO:

No

ROLE:

Adhesive

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-05-23

#: 3.00 - 6.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Primary Backing

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

1-DOCOSANOIC ACID

ID: 112-85-6

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2019-05-23 | | |
|---|------------------------|--|-----------------|----------------------|
| %: 0.00 - 0.04 | GS: NoGS | RC: None | NANO: No | ROLE: Topical |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

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: 2019-05-23 | | |
|---|------------------------|--|-----------------|----------------------|
| %: 0.00 - 0.14 | GS: LT-UNK | RC: None | NANO: No | ROLE: Topical |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE

ID: 25035-82-9

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2019-05-23 | | |
|---|------------------------|--|-----------------|----------------------|
| %: 0.00 - 0.14 | GS: LT-UNK | RC: None | NANO: No | ROLE: Topical |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS

ID: 68439-57-6

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2019-05-23 | | |
|---|-------------------|--|-----------------|----------------------|
| %: 0.00 - 0.07 | GS: LT-UNK | RC: None | NANO: No | ROLE: Topical |

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

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2019-05-23 | | |
|---|------------------------|--|-----------------|-------------------------|
| %: 0.00 - 100.00 | GS: LT-UNK | RC: PostC | NANO: No | ROLE: Face Fiber |
| 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 SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2019-05-23 | | |
|---|------------------------|--|-----------------|------------------------------|
| %: 0.00 - 0.82 | GS: LT-UNK | RC: None | NANO: No | ROLE: Primary Backing |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| SUBSTANCE NOTES: | | | | |

1,4-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,3-PROPANEDIOL (PTT)

ID: 26590-75-0

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2019-05-23 | | |
|---|------------------------|--|-----------------|-------------------------|
| %: 0.00 - 40.00 | GS: NoGS | RC: None | NANO: No | ROLE: Face Fiber |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority 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**

ISSUE DATE: **2017-12-01**

EXPIRY DATE: **2019-09-30**

CERTIFIER OR LAB: **The Carpet and Rug Institute**

APPLICABLE FACILITIES: **Chatsworth, GA**

CERTIFICATE URL: <https://services.carpet-rug.org/api/GLPCertificate/4570>

CERTIFICATION AND COMPLIANCE NOTES: **IAQ certification**

MULTI-ATTRIBUTE

ILFI Declare - Red List Free

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-06-03**

EXPIRY DATE: **2020-06-03**

CERTIFIER OR LAB: **ILFI**

APPLICABLE FACILITIES: **Chatsworth, GA**

CERTIFICATE URL: <https://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 fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

AIR.O BRANDED TAPE AND/OR ADHESIVE

HPD URL: <https://www.mohawkind.com/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Required to use either Mohawk Air.O Tape or Mohawk Air.O Adhesive for warranties.

Section 5: General Notes

Unlike traditional carpet, Air.O is engineered to be 100% recyclable soft flooring. Inherent stain resistance, superior soil protection, and durable construction make Air.O Unified Soft Flooring the perfect choice for a long-lasting and beautiful floor for your home. Air.O is built to last, and Mohawk Flooring has the warranties to back it up.

MANUFACTURER INFORMATION

MANUFACTURER: **Mohawk Group**
ADDRESS: **160 S Industrial Blvd**
Calhoun GA 30701, United States
WEBSITE: **https://mohawkind.com/**

CONTACT NAME: **George Bandy**
TITLE: **Chief Sustainability Officer**
PHONE: **800-554-6637**
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.