

CLASSIFICATION: 09 68 13

Infinity® Modular is a vinyl composite backing engineered for strong performance with excellent tuft bind and dimensional stability. Resists delamination, edge ravel, pilling, fuzzing, and wet cleanings. Available in varied tile sizes making installation or replacement easy. Infinity® Modular has a limited lifetime wear warranty and limited lifetime backing warranty. Excellent for healthcare, education, retail and corporate facilities. Infinity modular contains pre-consumer recycled content. Certified NSF/ANSI-140 Gold.



## Section 1: Summary

### 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

Residuals and impurities considered in all materials

Explanation(s) provided for Residuals/Impurities?

- ☒ Yes ☐ No

Are All Substances Above the Threshold Indicated:

**Characterized** ☒ Yes ☐ No  
Percent Weight and Role Provided?

**Screened** ☒ Yes ☐ No  
Using Priority Hazard Lists with Results Disclosed?

**Identified** ☒ Yes ☐ No  
Name and Identifier Provided?

### 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.

Number of GreenScreen® BM-4/BM-3 contents: 1

Contents highest concern GreenScreen® Benchmark or List Translator Score: LT - 1

Nanomaterial: No contents are characterized as a nanomaterial

**MATERIAL** | **SUBSTANCE** GREENSCREEN SCORE HAZARD TYPE;

CALCIUM CARBONATE LT - UNK ;POLY[IMINO(1,6-DIOXO-1,6-HEXANEDIYL)IMINO-1,6-HEXANEDIYL] LT - UNK ;DI(2-ETHYLHEXYL) TEREPHTHALATE LT - UNK ;POLYVINYL CHLORIDE LT - UNK CAN | RES;2-PROPENOIC ACID, METHYL ESTER, POLYMER WITH CHLOROETHENE LT - UNK ;POLYETHYLENE TEREPHTHALATE/POLYBUTYLENE TEREPHTHALATE LT - UNK RES;ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE LT - UNK ;DIHYDROGEN OXIDE BM - 4 ;BENZYL BUTYL 1,2-CYCLOHEXYLDICARBOXYLATE NOGS ;GLASS/FIBERGLASS LT - UNK ;QUARTZ LT - 1 CAN;POLY(OXY-1,2-ETHANEDIYL), A-(3-CARBOXY-1-OXO- 2-PROPENYL)-Ω-HYDROXY-, (Z)-, C12-13-ALKYL ETHERS LT - UNK ;NYLON 6 LT - UNK ;POLYPROPYLENE LT - UNK RES;CARBON BLACK LT - 1 CAN;POLYETHYLENE LT - UNK ;2-ETHYLHEXYL METHYL TEREPHTHALATE NOGS ;2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENENITRILE LT - UNK ;METHANOL EXTRACTABLES NOGS ;

### INVENTORY AND SCREENING NOTES

This HPD was created with Basic Inventory.

## VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): N/A

Regulatory (g/l): N/A

Does the product contain exempt VOCs? No

Are ultra-low VOC tints available? Not Applicable

## CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings*

VOC Emissions: Green Label Plus

Multi-attribute: NSF/ANSI 140 Gold

## CONSISTENCY WITH OTHER PROGRAMS

LEED v4 Material Ingredients Option 1.

Third Party Verified?

☐ Yes

☒ No

PREPARER:

VERIFIER:

VERIFICATION #:

SCREENING DATE: 09/25/2017

PUBLISHED DATE: 09/25/2017

EXPIRY DATE: 09/25/2020



## 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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### INFINITY MODULAR CARPET TILE

PRODUCT THRESHOLD: 1,000ppm

RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES: Residuals and impurities were considered and those that fall above threshold are included.

OTHER PRODUCT NOTES: A range is given for the substances due to variances in face weight and to protect the proprietary nature of the formulation.

### CALCIUM CARBONATE

ID: 1317-65-3

%: 50-55%

GS: LT - UNK

RC: None

NANO: No

ROLE: Pre-coat

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### POLY[IMINO(1,6-DIOXO-1,6-HEXANEDIYL)IMINO-1,6-HEXANEDIYL]

ID: 32131-17-2

%: 15-20%

GS: LT - UNK

RC: BO

NANO: no

ROLE: Face Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

Recycled content is from both manufacturing waste and post-consumer sources being sent to the supplier.

### DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 8-10%

GS: LT - UNK

RC: none

NANO: No

ROLE: Secondary Backing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### POLYVINYL CHLORIDE

ID: 9002-86-2

%: 5-7%	GS: LT - UNK	RC: none	NANO: No	ROLE: Secondary Backing
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CAN	MAK Carcinogen		Carc. 4	
RES	AOEC - Asthmagens		Rs	

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### 2-PROPENOIC ACID, METHYL ESTER, POLYMER WITH CHLOROETHENE ID: 25035-98-7

%: 4-6 %	GS: LT - UNK	RC: none	NANO: No	ROLE: Secondary Backing
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority Lists			

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### POLYETHYLENE TEREPHTHALATE/POLYBUTYLENE TEREPHTHALATE ID: 25038-59-9

%: 1-3%	GS: LT - UNK	RC: None	NANO: No	ROLE: Primary Backing
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
RES	AOEC - Asthmagens		Rs	

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE ID: 24937-78-8

%: 1-3%	GS: LT - UNK	RC: PI	NANO: No	ROLE: Pre-coat
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority Lists			

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.  
Recycled content comes from manufacturing waste streams.

### DIHYDROGEN OXIDE ID: 7732-18-5

%: 1-3%	GS: BM - 4	RC: None	NANO: No	ROLE: Pre-coat
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority Lists			

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### BENZYL BUTYL 1,2-CYCLOHEXYLDICARBOXYLATE ID: 1200806-67-2

%: 1-2%	GS: NOGS	RC: none	NANO: No	ROLE: Secondary Backing
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority Lists			

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### GLASS/FIBERGLASS ID: 65997-17-3

%: 1-2%	GS: LT - UNK	RC: none	NANO: No	ROLE: Secondary Backing
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority Lists			

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

### QUARTZ ID: 14808-60-7

%: Impurity/Residual	GS: LT - 1	RC: None	NANO: No	ROLE: Primary Backing
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CAN	MAK Carcinogen		Carc. 1	
CAN	IARC		1	

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation. This substance is considered a residual/impurity from the supplier and is contained within this product at 0.1-1%.

**POLY(OXY-1,2-ETHANEDIYL), A-(3-CARBOXY-1-OXO- 2-PROPENYL)-Ω-HYDROXY-, (Z)-, C12-13-ALKYL ETHERS** ID: 72207-84-2

%: 0.1-1% GS: LT - UNK RC: None NANO: No ROLE: Secondary Backing

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

**NYLON 6** ID: 25038-54-4

%: 0.1-1% GS: LT - UNK RC: BO NANO: No ROLE: Face Fiber

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation. Recycled content comes from manufacturing waste streams and post-consumer sources being sent to the supplier.

**POLYPROPYLENE** ID: 9003-07-0

%: 0.1-1% GS: LT - UNK RC: None NANO: No ROLE: Primary Backing

HAZARDS: AGENCY(IES) WITH WARNINGS:  
RES AOEC - Asthmagens Rs

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

**CARBON BLACK** ID: 1333-86-4

%: 0.1-0.2% GS: LT - 1 RC: None NANO: No ROLE: Face Fiber

HAZARDS: AGENCY(IES) WITH WARNINGS:  
CAN CA Prop 65 cancer  
CAN IARC 2B

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

**POLYETHYLENE** ID: 9002-88-4

%: 0.1-0.2% GS: LT - UNK RC: None NANO: No ROLE: Primary Backing

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

**2-ETHYLHEXYL METHYL TEREPHTHALATE** ID: 63468-13-3

%: 0.1-0.2% GS: NOGS RC: none NANO: No ROLE: Secondary Backing

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.

**2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHYL 2-PROPENOATE, N-(HYDROXYMETHYL)-2-PROPENAMIDE, 2-PROPENAMIDE AND 2-PROPENITRILE** ID: 61467-52-5

%: 0.1-0.2% GS: LT - UNK RC: None NANO: No ROLE: Secondary Backing

HAZARDS: AGENCY(IES) WITH WARNINGS:  
None Found No warnings found on HPD Priority Lists

Substance Notes: A range is given due to variances in face weight and to protect the proprietary nature of the formulation.



## 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

CERTIFYING PARTY: Carpet and Rug Institute  
EXPIRY DATE: 12/31/2017  
APPLICABLE FACILITIES: All  
CERTIFICATE AND COMPLIANCE NOTES: GLP7616

### Green Label Plus

ISSUE DATE: 06/07/2004  
CERTIFIER OR LAB: Carpet and Rug Institute

### MULTI-ATTRIBUTE

CERTIFYING PARTY: SCS Global Services  
EXPIRY DATE: 06/30/2018  
APPLICABLE FACILITIES: All  
CERTIFICATE AND COMPLIANCE NOTES: SCS-SCC-01906

### NSF/ANSI 140 Gold

ISSUE DATE: 07/01/2015  
CERTIFIER OR LAB: SCS Global Services



## 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.

### INFINITY ADHESIVE

HPD URL:

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The recommended method for installing Infinity® modular carpet tile (or plank) is to use the full adhesive method with Mannington Commercial INFINITY adhesive. The instructions for this installation procedure and the SDS can be found on the Mannington Commercial web site (<http://www.manningtoncommercial.com/>)

### FreLock TABS

HPD URL:

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

A dry installation system with the flexibility to be a floating floor or to adhere to the subfloor. FreLock Tabs are applied directly to the back of each carpet tile during installation—odorless, clean, hassle-free, and designed to perform. The full specifications can be found at [www.manningtoncommercial.com](http://www.manningtoncommercial.com).



## Section 5: General Notes

Residuals and impurities were considered for all raw materials and those that show up above the stated threshold were listed.



## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: Mannington Mills  
ADDRESS:  
1844 US Highway 41 S.E., Calhoun, GA 30701

WEBSITE: [www.manningtoncommercial.com](http://www.manningtoncommercial.com)

CONTACT NAME: Dave Kitts  
TITLE: VP - Environment  
PHONE: 856-339-5871  
EMAIL: [dave\\_kitts@mannington.com](mailto:dave_kitts@mannington.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

<b>AQU</b>	Aquatic toxicity	<b>GLO</b>	Global warming	<b>PHY</b>	Physical Hazard (reactive)
<b>CAN</b>	Cancer	<b>MAM</b>	Mammalian/ systematic/organ toxicity	<b>REP</b>	Reproductive toxicity
<b>DEV</b>	Developmental toxicity	<b>MUL</b>	Multiple hazards	<b>RES</b>	Respiratory sensitization
<b>END</b>	Endocrine activity	<b>NEU</b>	Neurotoxicity	<b>SKI</b>	Skin sensitization/ Irritation/corrosivity
<b>EYE</b>	Eye irritation/corrosivity	<b>OZO</b>	Ozone depletion	<b>LAN</b>	Land toxicity
<b>GEN</b>	Gene mutation	<b>PBT</b>	Persistent Bioaccumulative Toxic	<b>NF</b>	Not found on Priority Hazard Lists

#### GreenScreen (GS)

<b>BM-4</b>	Benchmark-4 (prefer – safer chemical)	<b>LT-P1</b>	List Translator Possible Benchmark 1
<b>BM-3</b>	Benchmark-3 (use but still opportunity for improvement)	<b>LT-1</b>	List Translator Likely Benchmark 1
	Benchmark-2 (use but search for safer substitutes)	<b>LT-UNK</b>	List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-2</b>	Benchmark-1 (avoid – chemical of high concern)		
<b>BM-1</b>	Benchmark Unspecified (insufficient data to benchmark)	<b>NoGS</b>	Unknown (no data on List Translator Lists)
<b>BM-U</b>			

#### Recycled Types

<b>PreC</b>	Preconsumer (Post-Industrial)
<b>PostC</b>	Postconsumer
<b>Both</b>	Both Preconsumer and Postconsumer
<b>Unk</b>	Inclusion of recycled content is unknown
<b>None</b>	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 nanoscale 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 note:*

- 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.*