

CLASSIFICATION: 09 68 13 - 09 68 16

PRODUCT DESCRIPTION: Modular carpet tile offers multiple possibilities of installation to create the residential and commercial textile floor covering. It can be produced with four yarn options (nylon, polypropylene, polyester and ECONYL®) and two options for secondary backing (with recycled content or not).

Section 1: Summary

Nested 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

- Residuals/Impurities
Considered in 8 of 16 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.

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

PVC - COMPONENT #2 [BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3]
PVC - COMPONENT #1 [VINYL CHLORIDE-VINYL ACETATE
COPOLYMERS LT-UNK] LATEX - COMPONENT #2 [LIMESTONE;
CALCIUM CARBONATE LT-UNK] LATEX - COMPONENT #1 [ETHYLENE
VINYL ACETATE POLYMER (EVA) LT-UNK WATER BM-4 ACETIC ACID
ETHENYL ESTER, POLYMER WITH ETHENOL LT-UNK ALCOHOLS, C12-14-
SECONDARY, BETA-(2-HYDROXYETHOXY-, ETHOXYLATED EO 10 MOLES
LT-P1] MUL] PRIMARY BACKING [POLYETHYLENE TEREPHTHALATE
(PET) LT-UNK] GLASS FIBER [UNDISCLOSED LT-UNK UNDISCLOSED LT-
UNK UNDISCLOSED NoGS UNDISCLOSED NoGS] LATEX - COMPONENT
#4 [WATER BM-4] PVC - COMPONENT #3 [UNDISCLOSED NoGS
UNDISCLOSED LT-P1] LATEX - COMPONENT #3 [AKYPOSAL ALS 33 LT-
UNK BUTYL ACETATE LT-UNK] PVC - COMPONENT #4 [UNDISCLOSED
LT-UNK UNDISCLOSED NoGS UNDISCLOSED NoGS UNDISCLOSED LT-
UNK] NYLON 6 YARN [UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK
TITANIUM DIOXIDE LT-1 | CAN | END CARBON BLACK LT-1 | CAN
UNDISCLOSED LT-UNK] NYLON 6 ECONYL YARN RECYCLED [
UNDISCLOSED LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END]
POLYPROPYLENE YARN [POLYPROPYLENE LT-UNK POLYETHYLENE
LT-UNK CARBON BLACK LT-1 | CAN TITANIUM DIOXIDE LT-1 | CAN | END
N,N,N,N-TETRAKIS(4,6-BIS(BUTYL-(N-METHYL-2,2,6,6-
TETRAMETHYLPYPERIDIN-4-YL)AMINO)TRIAZIN-2-YL)-4,7-
DIAZADECANE-1,10-DIAMINE LT-P1 | AQU | SKI | MUL BUTANEDIOIC
ACID, 1,4-DIMETHYL ESTER, POLYMER WITH 4-HYDROXY-2,2,6,6-
TETRAMETHYL-1-PIPERIDINEETHANOL LT-UNK ZINC LT-P1 | AQU | END |
MUL | PHY] POLYESTER YARN [UNDISCLOSED LT-UNK UNDISCLOSED
LT-UNK UNDISCLOSED LT-UNK] PVC - COMPONENT #5 [LIMESTONE;
CALCIUM CARBONATE LT-UNK] PVC - COMPONENT #6 [QUARTZ LT-1 |
CAN STRONTIUM OXIDE LT-UNK ALUMINUM OXIDE LT-P1 | RES
CALCIUM OXIDE LT-P1 SULFUR TRIOXIDE LT-P1 | MAM FERRIC OXIDE
BM-2 | CAN MAGNESIUM OXIDE LT-UNK | CAN DIPOTASSIUM OXIDE LT-
UNK SODIUM OXIDE LT-UNK PHOSPHORUS PENTOXIDE LT-P1 | SKI

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest concern GreenScreen
Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

HPD prepared using a Nested Materials Inventory with a product threshold at 1,000 ppm. Venture Carpets include a many options of materials. It was chosen in this HPD to group carpets with four yarn options (nylon, polypropylene, polyester and ECONYL®) and two options for secondary backing (with recycled content or not). Ranges represent those variations. More details about how residuals and impurities were considered are available in the appropriate sections. Special Conditions materials are present in the product: reaction polymer products. Guidelines for reporting Special Conditions materials are still under development by HPDC and the manufacturer will update the HPD accordingly once these guidelines get published.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CRI Green Label Plus - Carpets

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: **2018-07-17**

PUBLISHED DATE: **2018-07-17**

EXPIRY DATE: **2021-07-17**



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

PVC - COMPONENT #2

%: 9.8300 - 10.4900

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Manufacturer has indicated that there are no impurities or residues. All residuals or impurities are present below 1,000 ppm.

OTHER MATERIAL NOTES: Plasticizer

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

%: 99.9000

GS: BM-3

RC: None

NANO: No

ROLE: Plasticizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

PVC - COMPONENT #1

%: 9.3100 - 9.7700

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The manufacturer has reported residuals below the disclosure threshold, such as, Vinyl chloride monomer (CAS 75-01-04) < 1ppm

OTHER MATERIAL NOTES: PVC used in modular carpet tile backing

VINYL CHLORIDE-VINYL ACETATE COPOLYMERS

ID: 9003-22-9

%: 100.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Dispersion PVC

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The manufacturer has reported impurities below the disclosure threshold, such as, Silica quartz (CAS 14808-60-7). Silica is a naturally-occurring component of limestone.

OTHER MATERIAL NOTES: Mineral filler and pigment

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: **100.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Main material**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

LATEX - COMPONENT #1

%: 4.2600 - 5.3600

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The manufacturer has reported residuals below the disclosure threshold, such as, vinyl acetate (CAS 108-05-4) < 60 ppm and formaldehyde (CAS 50-00-0) < 20 ppm.

OTHER MATERIAL NOTES: Emulsion that has been designed for use in textile and carpet coatings applications.

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

%: **61.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Main material**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

WATER

ID: 7732-18-5

%: **37.0000** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Solvent**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL

ID: 25213-24-5

%: **1.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabilizer**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

ALCOHOLS, C12-14-SECONDARY, BETA-(2-HYDROXYETHOXY-, ETHOXYLATED EO 10 MOLES

ID: 146340-15-0

%: 0.8000 GS: LT-P1 RC: None NANO: No ROLE: Stabilizer

HAZARDS: AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: See other material notes

PRIMARY BACKING

%: 2.9500 - 3.7200

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The manufacturer has reported no residuals or impurities within the disclosure threshold for color and lubricant. However, the color and lubricant have not been listed because they are below the disclosure threshold of 1,000 ppm.

OTHER MATERIAL NOTES: First base layer of carpet. The polyester contains 80% of pre-consumer recycled content and 9% of post-consumer recycled content.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 89.0000 - 100.0000 GS: LT-UNK RC: Both NANO: No ROLE: Main material

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

GLASS FIBER

%: 1.5100 - 1.9100

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information from manufacturer not available.

OTHER MATERIAL NOTES: Fiberglass layer improves dimensional stability. Material composition protected by a NDA.

UNDISCLOSED

%: 70.0000 - 90.0000 GS: LT-UNK RC: None NANO: No ROLE: Veil structure

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

#: 5.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

#: 3.7800 - 14.6700

GS: NoGS

RC: None

NANO: No

ROLE: Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

#: 1.2200 - 5.3300

GS: NoGS

RC: None

NANO: No

ROLE: Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

LATEX - COMPONENT #4

#: 0.7000 - 0.8800

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information from city of Belleville not available.

OTHER MATERIAL NOTES: Solvent

WATER

ID: 7732-18-5

#: 100.0000

GS: BM-4

RC: None

NANO: No

ROLE: Solvent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

PVC - COMPONENT #3

%: 0.2400 - 0.2600

HPD URL: N/A

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Manufacturer has indicated that there are no impurities nor residuals.**

OTHER MATERIAL NOTES: **Solvent-free wetting and dispersing additive for PVC and thermoplastics. Material composition protected by a NDA.**

UNDISCLOSED

%: 99.5000 **GS: NoGS** **RC: None** **NANO: No** **ROLE: Active ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

%: 0.3000 **GS: LT-P1** **RC: None** **NANO: No** **ROLE: Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

LATEX - COMPONENT #3

%: 0.2300 - 0.2900

HPD URL: N/A

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Information from manufacturer not available.**

OTHER MATERIAL NOTES: **Soap / surfactant**

AKYPOSAL ALS 33

ID: 2235-54-3

%: 20.0000 - 40.0000 **GS: LT-UNK** **RC: None** **NANO: No** **ROLE: Sufactant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

BUTYL ACETATE

ID: 123-86-4

%: 0.2000	GS: LT-UNK	RC: None	NANO: No	ROLE: Ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

PVC - COMPONENT #4

%: 0.2200 - 0.2300

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information on residuals and impurities not provided by manufacturer.

OTHER MATERIAL NOTES: Other ingredients below the threshold: mono-c13-15-alkyl ethers, succinates (CAS 124232-16-2) and propylene glycol (CAS 57-55-6). Low-volatile viscosity depressant for PVC plastisols. Material composition protected by a NDA.

UNDISCLOSED

%: 89.9500	GS: LT-UNK	RC: None	NANO: No	ROLE: Solvent
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

%: 9.0000	GS: NoGS	RC: None	NANO: No	ROLE: Active ingredient
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

%: 0.9000	GS: NoGS	RC: None	NANO: No	ROLE: Mixture per EPA
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

#: **Impurity/Residual** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Residual solvent present in final product at 0.2w%.

NYLON 6 YARN

#: **0.0000 - 18.3100**

HPD URL: **N/A**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **Information from manufacturer not available.**

OTHER MATERIAL NOTES: **Yarn option in the carpets. However, other chemicals are present below the reporting threshold. Material composition protected by a NDA.**

UNDISCLOSED

#: **98.2100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base polymer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **See other material notes**

UNDISCLOSED

#: **0.6000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **spin finish**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **See other material notes**

TITANIUM DIOXIDE

ID: **13463-67-7**

#: **0.2300** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: See other material notes

CARBON BLACK

ID: 1333-86-4

%: 0.2100	GS: LT-1	RC: None	NANO: No	ROLE: Pigment
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

%: 0.0600	GS: LT-UNK	RC: None	NANO: No	ROLE: Pigment
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: See other material notes

NYLON 6 ECONYL YARN RECYCLED

%: 0.0000 - 18.0100

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Information from manufacturer not available.

OTHER MATERIAL NOTES: Recycled yarn option in the carpets. However, other chemicals are present below the reporting threshold. Material composition protected by a NDA.

UNDISCLOSED

%: 98.6300	GS: LT-UNK	RC: None	NANO: No	ROLE: Base polymer
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: See other material notes

TITANIUM DIOXIDE

ID: 13463-67-7

#: **0.2300** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: See other material notes

POLYPROPYLENE YARN

#: **0.0000 - 18.0100**

HPD URL: N/A

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: **The manufacturer has reported no residuals or impurities within the disclosure threshold.**

OTHER MATERIAL NOTES: **Yarn option in the carpets**

POLYPROPYLENE

ID: 9003-07-0

#: **94.4000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Main material**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

POLYETHYLENE

ID: 9002-88-4

#: **0.1500 - 0.7000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

%: **0.0000 - 0.7000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: See other material notes

TITANIUM DIOXIDE

ID: 13463-67-7

%: **0.0000 - 1.4000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: See other material notes

N,N,N,N-TETRAKIS(4,6-BIS(BUTYL-(N-METHYL-2,2,6,6-TETRAMETHYLPYPERIDIN-4-YL)AMINO)TRIAZIN-2-YL)-4,7-DIAZADECANE-1,10-DIAMINE

ID: 106990-43-6

%: **0.0000 - 0.7000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: See other material notes

BUTANEDIOIC ACID, 1,4-DIMETHYL ESTER, POLYMER WITH 4-HYDROXY-2,2,6,6-TETRAMETHYL-1-PIPERIDINEETHANOL

ID: 65447-77-0

#: **0.0000 - 0.7000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

ZINC

ID: 7440-66-6

#: **0.0000 - 0.7000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H260 - In contact with water releases flammable gases which may ignite spontaneously

SUBSTANCE NOTES: See other material notes

POLYESTER YARN

#: **0.0000 - 18.3100**

HPD URL: N/A

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: **No**

RESIDUALS AND IMPURITIES NOTES: Information from manufacturer not available.

OTHER MATERIAL NOTES: Yarn option in the carpets. However, other chemicals are present below the reporting threshold. Material composition protected by a NDA.

UNDISCLOSED

#: **98.6200** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Base polymer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

UNDISCLOSED

%: 98.6200	GS: LT-UNK	RC: None	NANO: No	ROLE: Base polymer
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: See other material notes				

UNDISCLOSED

%: 0.7800	GS: LT-UNK	RC: None	NANO: No	ROLE: spin finish
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: See other material notes				

PVC - COMPONENT #5

%: **0.0000 - 43.5200**

HPD URL: **N/A**

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes
RESIDUALS AND IMPURITIES NOTES: The manufacturer has reported impurities below the disclosure threshold, such as, silica quartz (CAS 14808-60-7). Silica is a naturally-occurring component of limestone.	
OTHER MATERIAL NOTES: Mineral filler and pigment	

LIMESTONE; CALCIUM CARBONATE

ID: **1317-65-3**

%: 100.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Main material
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: See other material notes				

PVC - COMPONENT #6

%: **0.0000 - 43.5200**

HPD URL: **N/A**

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes
RESIDUALS AND IMPURITIES NOTES: Manufacturer has indicated that there are no impurities or residuals.	
OTHER MATERIAL NOTES: Recycled mineral filler. Mixture of minerals. It is 100% post-consumer recycled content.	

QUARTZ

ID: **14808-60-7**

%: 37.0000	GS: LT-1	RC: None	NANO: No	ROLE: Ingredient
HAZARDS:	AGENCY(IES) WITH WARNINGS:			

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350 - May cause cancer
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: See other material notes

STRONTIUM OXIDE

ID: 1314-11-0

#: 14.3000 GS: LT-UNK RC: None NANO: No ROLE: Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

ALUMINUM OXIDE

ID: 1344-28-1

#: 11.1000 GS: LT-P1 RC: None NANO: No ROLE: Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: See other material notes

CALCIUM OXIDE

ID: 1305-78-8

#: 9.0000 GS: LT-P1 RC: None NANO: No ROLE: Ingredient

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

SULFUR TRIOXIDE

ID: 7446-11-9

%: 8.9000	GS: LT-P1	RC: None	NANO: No	ROLE: Ingredient
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HAZARDS: AGENCY(IES) WITH WARNINGS:

MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
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SUBSTANCE NOTES: See other material notes

FERRIC OXIDE

ID: 1309-37-1

%: 8.7000	GS: BM-2	RC: None	NANO: No	ROLE: Ingredient
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HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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SUBSTANCE NOTES: See other material notes

MAGNESIUM OXIDE

ID: 1309-48-4

%: 6.8000	GS: LT-UNK	RC: None	NANO: No	ROLE: Ingredient
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HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
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SUBSTANCE NOTES: See other material notes

DIPOTASSIUM OXIDE

ID: 12136-45-7

%: 1.8000	GS: LT-UNK	RC: None	NANO: No	ROLE: Ingredient
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HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: See other material notes

SODIUM OXIDE

ID: 1313-59-3

%: 1.4000	GS: LT-UNK	RC: None	NANO: No	ROLE: Ingredient
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HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material notes

PHOSPHORUS PENTOXIDE

ID: 1314-56-3

#: **0.4000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: See other material notes

TITANIUM DIOXIDE

ID: 13463-67-7

#: **0.4000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: See other material notes

MANGANESE (II) OXIDE

ID: 1344-43-0

#: **0.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Ingredient**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See other material 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: **2011-**

EXPIRY DATE:

CERTIFIER OR LAB: **The Carpet**

APPLICABLE FACILITIES: **Saint-Georges, QC G5Y 6R6**

08-25

and Rug Institute, Inc.

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **This product complies with CDPH Standard Method Section 01350 versions 1.1 and 1.2 Private Office Scenario.**

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.

No accessories are required for this product.

Section 5: General Notes

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MANUFACTURER INFORMATION

MANUFACTURER: **Venture Carpets**
ADDRESS: **700, 120e Street**
Saint-Georges Québec G5Y 6R6, Canada
WEBSITE: **www.venturecarpets.com**

CONTACT NAME: **Richard Duval**
TITLE: **President**
PHONE: **418-227-5955**
EMAIL: **rduval@venturecarpets.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.