

HPD UNIQUE IDENTIFIER: 29056

CLASSIFICATION: 09 68 16 Sheet Carpeting

PRODUCT DESCRIPTION: Broadloom rolls offer a proven solution and an economic choice for the commercial need. Venture Carpets include a many options of materials. It was chosen in this HPD to group Broadloom carpet roll with woven polypropylene backing system with nylon yarn.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	
☒ Nested Materials Method	☐ 100 ppm	Considered in 15 of 15 Materials	<i>All Substances Above the Threshold Indicated Are:</i>
☐ Basic Method	☒ 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	Characterized ☒ Yes Ex/SC ☐ Yes ☐ No
Threshold Disclosed Per	☐ Per GHS SDS	☒ Yes ☐ No	<i>% weight and role provided for all substances except SC substances characterized according to SC guidance.</i>
☐ Material	☐ Other		Screened ☒ Yes Ex/SC ☐ Yes ☐ No
☒ Product			<i>All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.</i>
			Identified ☐ Yes Ex/SC ☐ Yes ☒ No
			<i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
SC:GEOMAT:LATEX-COMPONENT#2 [SC:LIMESTONE Not Screened SC:QUARTZ Not Screened] NYLON 6 YARN [UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK | SKI | EYE] UNDISCLOSED [UNDISCLOSED LT-UNK] PRIMARY BACKING [POLYPROPYLENE LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-3dg UNDISCLOSED BM-1 | CAN UNDISCLOSED LT-UNK] WATER [WATER BM-4] SECONDARY BACKING [POLYPROPYLENE LT-UNK POLYETHYLENE LT-UNK] LATEX - COMPONENT #3 [UNDISCLOSED BM-4] UNDISCLOSED [WATER BM-4 UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK] UNDISCLOSED [WATER BM-4 UNDISCLOSED LT-UNK] UNDISCLOSED [UNDISCLOSED LT-P1 | SKI | MUL | AQU | EYE] UNDISCLOSED [UNDISCLOSED LT-P1 | MUL] UNDISCLOSED [WATER BM-4 UNDISCLOSED LT-P1 | MUL | EYE UNDISCLOSED BM-2 | MUL | EYE | CAN UNDISCLOSED LT-P1 | PHY | SKI] UNDISCLOSED [WATER BM-4 UNDISCLOSED LT-P1 | PBT UNDISCLOSED LT-UNK FORMALDEHYDE BM-1 | CAN | END | SKI | MUL | RES | MAM | GEN] UNDISCLOSED [UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-P1 | PBT UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | PHY | SKI UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END | SKI | MUL UNDISCLOSED LT-P1 | SKI | MUL | AQU | EYE UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-UNK] UNDISCLOSED [UNDISCLOSED LT-UNK WATER BM-4 UNDISCLOSED LT-P1 | PBT UNDISCLOSED LT-P1 | SKI | MUL | AQU | EYE]

Number of Greenscreen BM-4/BM3 contents ... 7
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No
INVENTORY AND SCREENING NOTES:
Special conditions applied: GeologicalMaterial

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

HPD prepared using a Nested Materials Inventory with a product threshold at 1,000 ppm. Venture Carpets include a many options of materials and patterns. It was chosen in this HPD to group Broadloom carpet roll with woven polypropylene backing system with nylon yarn. Ranges represent the differences in product composition arising from the different colors and patterns. More details about how residuals and impurities are available in the appropriate sections. Special Conditions materials are present in the product: reaction polymer products and geological materials. Guidelines for reporting polymers are still under development by HPDC and the manufacturer will update the HPD accordingly once these guidelines get published. Guidelines for reporting Geological Materials as detailed in SCGeoMats/ 2019-06-20 were followed.

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
LCA: Environmental Product Declaration (EPD) published by CSA

Third Party Verified?

☐ Yes

☒ No

PREPARER: Vertima

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-03-29

PUBLISHED DATE: 2022-07-05

EXPIRY DATE: 2025-03-29

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

SC:GEOMAT:LATEX-COMPONENT#2 %: 41.7600 - 43.6400

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: The manufacturer has reported silica quartz (CAS# 14808-60-7) as an impurity. It represents 3% of the material typical mass.

OTHER MATERIAL NOTES: SpecialConditionApplied:GeologicalMaterial --- Mineral filler and pigment

SC:LIMESTONE

ID: SC:GeoMat

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

%: 97.0000 - 100.0000 GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Filler

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2019-06-20

Origin: Province of Quebec, Canada

Typical Composition: 97-100% Limestone (1317-65-3)

Potential presence of toxic metals: This disclosure does not provide information on the potential presence of toxic metals.

Presence of Radioactive Elements: This disclosure does not provide radioactive elements which may be found in certain geological materials.

The substance also serves as pigment. Limestone is a naturally occurring substance. It may contain impurities such as quartz (3 wt.%) of some metals (less 0.1 wt.%)

SC:QUARTZ

ID: SC:GeoMat

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

%: Impurity/Residual GS: Not Screened RC: None NANO: No SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCGeoMats/2019-06-20

Origin: Province of Quebec, Canada

Typical Composition: This disclosure does not provide typical composition.

Potential presence of toxic metals: This disclosure does not provide information on the potential presence of toxic metals.

Presence of Radioactive Elements: This disclosure does not provide radioactive elements which may be found in certain geological materials.

NYLON 6 YARN

%: 37.2500 - 39.9400

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Information on residuals and impurities provided by manufacturer.

OTHER MATERIAL NOTES: 100% polyamide 6 fiber. Material composition is confidential.

UNDISCLOSED			ID: Undisclosed		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-03-29 17:27:57		
%: 95.0000 - 100.0000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Weight pourcent range used to keep exact recipe confidential. Furthermore, this substance is undisclosed as it is confidential.					

UNDISCLOSED				ID: Undisclosed			
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-13 15:35:20					
%: Impurity/Residual		GS: LT-UNK		RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual	
HAZARD TYPE		AGENCY AND LIST TITLES			WARNINGS		
SKI		EU - GHS (H-Statements) Annex 6 Table 3-1			H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
EYE		EU - GHS (H-Statements) Annex 6 Table 3-1			H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]		
SUBSTANCE NOTES: This substance is undisclosed as it is confidential.							

UNDISCLOSED		%: 5.2000 - 6.1600	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: n/a			
OTHER MATERIAL NOTES: The polymer is considered CBI			

UNDISCLOSED				ID: Undisclosed	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 100.0000 - 100.0000		GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: our polymer is considered proprietary					

PRIMARY BACKING		%: 4.6400 - 5.0000	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CONSIDERED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Information from manufacturer not available			
OTHER MATERIAL NOTES: This material is the first base layer of carpet			

POLYPROPYLENE	ID: 9003-07-0				
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HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-29 17:27:57		
%: 96.5000 - 100.0000		GS: LT-UNK		RC: None NANO: No SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Weight percent interval is used to cover product variability and keep exact recipe confidential.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-29 17:27:59		
%: 0.0000 - 3.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Antioxidant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Weight percent interval is used to cover product variability and keep exact recipe confidential. Furthermore, this substance is undisclosed as it is proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-29 17:28:00		
%: 0.0000 - 3.5000	GS: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Weight percent interval is used to cover product variability and keep exact recipe confidential. Furthermore, this substance is undisclosed as it is proprietary.				

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-29 17:28:01			
%: 0.0000 - 3.5000		GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		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		
SUBSTANCE NOTES: Weight percent interval is used to cover product variability and keep exact recipe confidential. Furthermore, this substance is undisclosed as it is proprietary.					

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-29 17:28:02		
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%: 0.0000 - 3.5000		GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Emulsifier
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Weight percent interval is used to cover product variability and keep exact recipe confidential. Furthermore, this substance is undsiclosed as it is proprietary.					

WATER		%: 4.2000 - 4.6200	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No		MATERIAL TYPE: Other: Dispersion medium
RESIDUALS AND IMPURITIES NOTES: n/a			
OTHER MATERIAL NOTES: n/a			

WATER					ID: 7732-18-5
HAZARD SCREENING METHOD:		Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00	
%: 100.0000 - 100.0000		GS: BM-4		RC: none	NANO: No
				SUBSTANCE ROLE: Dispersant	
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS	
None found				No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: none					

SECONDARY BACKING		%: 3.0100 - 3.2400	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CONSIDERED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Information on residuals and impurities not provided by manufacturer.			
OTHER MATERIAL NOTES: Second base layer of carpet. Additives, pigments and lubricant have not been disclosed in this HPD because present below the disclosure threshold of 1,000 ppm.			

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-29 17:27:58		
%: 85.0000 - 99.8000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: See other material notes				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-12-13 15:35:17		
%: 0.0000 - 6.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: See other material notes				

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: Information from manufacturer not available.		
OTHER MATERIAL NOTES: This material is a froth agent		

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-29 17:27:58		
%: 70.0000 - 74.0000	GS: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Weight percent interval used to cover product variability and keep exact recipe confidential. Furthermore, this substance is undisclosed as it is confidential.				

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: impurity
RESIDUALS AND IMPURITIES NOTES: n/a		
OTHER MATERIAL NOTES: we consider our formulation to be proprietary		

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 52.0000 - 52.0000	GS: BM-4	RC: none	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: none				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00			
%: 40.0000 - 50.0000		GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
SUBSTANCE NOTES: all substances proprietary					

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 0.1000 - 1.5000	GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Impurity
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: all substances are proprietary				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00			
%: 0.0300 - 0.3000		GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Impurity
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: all substances proprietary					

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Dispersant
RESIDUALS AND IMPURITIES NOTES: impurities determined by raw material supplier		
OTHER MATERIAL NOTES: all formulations are considered proprietary		

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 50.0000 - 50.0000	GS: BM-4	RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: none				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 40.0000 - 50.0000	GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: all substances proprietary				

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Biocide
RESIDUALS AND IMPURITIES NOTES: residuals determined by raw material supplier		
OTHER MATERIAL NOTES: formulation considered proprietary		

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00	
%: 100.0000 - 100.0000		GS: LT-P1	RC: none NANO: No SUBSTANCE ROLE: Antimicrobial Pesticide
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS
SKI	MAK		Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1		H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
SUBSTANCE NOTES: all substances are proprietary			

UNDISCLOSED				%: 0.0179 - 0.0197	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CONSIDERED: Yes		MATERIAL TYPE: Other: impurity	
RESIDUALS AND IMPURITIES NOTES: substance is an impurity					
OTHER MATERIAL NOTES: formulation is considered proprietary					
UNDISCLOSED				ID: Undisclosed	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00			
%: Impurity/Residual		GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
SUBSTANCE NOTES: all substances are proprietary					

UNDISCLOSED		%: 0.0052 - 0.0057	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Additive
RESIDUALS AND IMPURITIES NOTES: based up supplier information			
OTHER MATERIAL NOTES: formulation considered proprietary			
WATER			ID: 7732-18-5
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00	
%: 58.0000 - 59.0000	GS: BM-4	RC: none	NANO: No
SUBSTANCE ROLE: Solvent			
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: none			

UNDISCLOSED				ID: Undisclosed
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 38.0000 - 39.0000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Chelating agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]	
SUBSTANCE NOTES: all substances are proprietary				

UNDISCLOSED			ID: Undisclosed
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00	
%: Impurity/Residual	GS: BM-2	RC: none	NANO: No
SUBSTANCE ROLE: Impurity/Residual			

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
SUBSTANCE NOTES: all substances are proprietary		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00			
%: Impurity/Residual		GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
PHY	GHS - Korea		H290 - May be corrosive to metals [Corrosive to metals - Category 1]		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]		
SUBSTANCE NOTES: all substances are proprietary					

UNDISCLOSED

?: 0.0010 - 0.0102

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Additive
RESIDUALS AND IMPURITIES NOTES: n/a		
OTHER MATERIAL NOTES: our formulation is considered proprietary therefore all substances other than what is required by GHS to be disclosed are not disclosed		

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00			
%: 51.0000 - 54.0000		GS: BM-4	RC: none	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: none					

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 46.0000 - 49.0000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans		

SUBSTANCE NOTES: all substances proprietary

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 2.0000 - 5.0000	GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Impurity
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	

SUBSTANCE NOTES: all substances proprietary

FORMALDEHYDE

ID: 50-00-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 0.0100 - 0.0500	GS: BM-1	RC: none	NANO: No	SUBSTANCE ROLE: Impurity

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - Korea	H350 - May cause cancer [Carcinogenicity - Category 1]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]
GEN	EU - GHS (H-Statements) Annex 6 Table 3-1	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]

SUBSTANCE NOTES: all substances proprietary

UNDISCLOSED		%: 0.0000 - 0.0330	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Antioxidant
RESIDUALS AND IMPURITIES NOTES: impurities determined by supplier			
OTHER MATERIAL NOTES: all formulations are considered proprietary			

UNDISCLOSED				ID: Undisclosed		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00				
%: 30.0000 - 40.0000		GS: LT-P1		RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS		
MUL		German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
SUBSTANCE NOTES: all substances proprietary						

UNDISCLOSED				ID: Undisclosed	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 20.0000 - 30.0000		GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
PBT	ChemSec - SIN List		PBT / vPvB (Persistent, Bioaccumulative, & Toxic / very Persistent & very Bioaccumulative)		
SUBSTANCE NOTES: all substances proprietary					

UNDISCLOSED				ID: Undisclosed		
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-03-28 16:50:00			
%: 2.3900 - 2.3900		GS: LT-UNK		RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS		
None found				No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: all substances proprietary						

UNDISCLOSED					ID: Undisclosed	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-03-28 16:50:00			
%: 1.0000 - 3.0000		GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Intermediate	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
PHY	GHS - Korea		H290 - May be corrosive to metals [Corrosive to metals - Category 1]			
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]			
SUBSTANCE NOTES: all substances proprietary						

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 0.0100 - 1.0000	GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: all substances proprietary				

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 0.0100 - 1.0000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters		
SUBSTANCE NOTES: all substances proprietary				

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 0.0100 - 1.0000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]		
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
SUBSTANCE NOTES: all substances are proprietary				

UNDISCLOSEDID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 0.0100 - 1.0000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: all substances proprietary		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 0.0010 - 1.0000	GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Intermediate
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: all substances proprietary				

UNDISCLOSED

%: 0.0000 - 0.0572

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Antioxidant
RESIDUALS AND IMPURITIES NOTES: residuals determined by raw material supplier		
OTHER MATERIAL NOTES: all formulations considered proprietary		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 50.0000 - 50.0000	GS: LT-UNK	RC: none	NANO: No	SUBSTANCE ROLE: Antioxidant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: all substances are proprietary				

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 47.0000 - 47.0000	GS: BM-4	RC: none	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: none				

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00		
%: 1.9000 - 1.9000	GS: LT-P1	RC: none	NANO: No	SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
SUBSTANCE NOTES: all substances are proprietary		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-03-28 16:50:00					
%: 0.1615 - 0.1615		GS: LT-P1		RC: none	NANO: No	SUBSTANCE ROLE: Antimicrobial Pesticide	
HAZARD TYPE		AGENCY AND LIST TITLES			WARNINGS		
SKI		MAK			Sensitizing Substance Sh - Danger of skin sensitization		
MUL		German FEA - Substances Hazardous to Waters			Class 2 - Hazard to Waters		
SKI		EU - GHS (H-Statements) Annex 6 Table 3-1			H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
SKI		EU - GHS (H-Statements) Annex 6 Table 3-1			H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]		
AQU		EU - GHS (H-Statements) Annex 6 Table 3-1			H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]		
EYE		EU - GHS (H-Statements) Annex 6 Table 3-1			H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
SUBSTANCE NOTES: all substances proprietary							

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: All CERTIFICATE URL: https://services.carpet-rug.org/api/v2/GLPCertificate/7492	ISSUE DATE: 2009-02-11	EXPIRY DATE: 2023-06-30	CERTIFIER OR LAB: The Carpet and Rug Institute, Inc.
CERTIFICATION AND COMPLIANCE NOTES: Certificate number: GLP7492 This product complies with CDPH Section 01350 Versions 1.2 Private Office Scenario and School Classroom Scenario. Private Office Range of Total VOCs: 0.5 mg/m3 or less. School Classroom Range of Total VOCs: 0.5 mg/m3 or less.			
LCA	Environmental Product Declaration (EPD) published by CSA		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Facility in Saint-Georges (Quebec), Canada CERTIFICATE URL: https://www.csaregistries.ca/epd/epd_label_e.cfm?No=861	ISSUE DATE: 2018-11-19	EXPIRY DATE: 2023-11-18	CERTIFIER OR LAB: Athena Sustainable Materials Institute
CERTIFICATION AND COMPLIANCE NOTES: The Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD) were prepared by Vertima. The EPD was third party verified by the Athena Sustainable Materials Institute and published by CSA with registration number 2084-8822.			

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.

ACRYLIC BINDER	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: An acrylic binder, such as the Ultrabond EC0810, is required to install the carpet. Venture recommends following the installation procedures from the Carpet and Rug Institute.	

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: **richard.duval@venturecarpets.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-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	NoGS No GreenScreen.
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	

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 HPD and for compliance with the HPD standard noted.