

HPD UNIQUE IDENTIFIER: 25163
CLASSIFICATION: 09 68 13 Tile Carpeting
PRODUCT DESCRIPTION: Interface Modular Carpet on CQuest Bio/BioX Backing

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format: Basic Method
Threshold level: 1,000 ppm
Residuals/Impurities: Considered
All Substances Above the Threshold Indicated Are: Characterized, Screened, Identified

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®.

- INTERFACE MODULAR CARPET ON CQUEST BIO/BIOX [ UNDISCLOSED LT-UNK ETHYLENEVINYLACETATE COPOLYMER LT-UNK LIMESTONE LT-UNK NYLON 6 (POST-CONSUMER) LT-UNK UNDISCLOSED LT-UNK NYLON-66 LT-UNK POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2) BM-2 UNDISCLOSED NoGS CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK UNDISCLOSED LT-UNK ETHYLENE/ACRYLIC ACID COPOLYMER LT-UNK STARCH, SOLUBLE NoGS ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL LT-UNK ALCOHOLS, C12-14-SECONDARY, BETA-(2-HYDROXYETHOXY)-, ETHOXYLATED EO 10 MOLES LT-P1 | MUL WHITE MINERAL OIL LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END CARBON BLACK BM-1 | CAN ]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No
INVENTORY AND SCREENING NOTES: As included in the finished product, none of the material(s) identified with a "Hazard Type" designator have been shown to present any increased risk to human health under normal conditions of use or exposure.

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: Cradle to Cradle Certified - Silver (V3.1)
Biobased content: USDA BioPreferred Catalog

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified? Yes
PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:
SCREENING DATE: 2021-06-25
PUBLISHED DATE: 2021-06-25
EXPIRY DATE: 2024-06-25

## 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](http://www.hpd-collaborative.org/hpd-2-2-standard)

### INTERFACE MODULAR CARPET ON CQUEST BIO/BIOX

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals are included where appropriate according to HPDC best practice.

OTHER PRODUCT NOTES: None

#### UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:05:59**

#: **16.2000 - 24.3000** GS: **LT-UNK** 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: Substance marked undisclosed for proprietary reasons.

#### ETHYLENEVINYLACETATE COPOLYMER

ID: **24937-78-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:05:59**

#: **14.8000 - 22.2000** GS: **LT-UNK** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

#### LIMESTONE

ID: **1317-65-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:06:00**

#: **14.0000 - 21.0000** GS: **LT-UNK** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

#### NYLON 6 (POST-CONSUMER)

ID: **25038-54-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:06:00**

#: **11.9000 - 17.9000** GS: **LT-UNK** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Textile component**

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: **2021-06-25 14:06:00**%: **8.8000 - 13.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance marked undisclosed for proprietary reasons.

**NYLON-66**ID: **32131-17-2**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:06:01**%: **5.1000 - 7.7000** GS: **LT-UNK** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None****POLYETHYLENE TEREPHTHALATE (PET)**ID: **25038-59-9**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:06:01**%: **2.6000 - 3.9000** GS: **LT-UNK** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None****ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2)**ID: **8064-00-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:06:02**%: **2.4000 - 3.5000** GS: **BM-2** 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: **None****UNDISCLOSED**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:06:02**%: **1.6000 - 2.4000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance marked undisclosed for proprietary reasons.

**CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**ID: **65997-17-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-25 14:06:03**%: **1.2000 - 1.7000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

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: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:03</b>		
%: <b>0.5000 - 0.8000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Substance marked undisclosed for proprietary reasons.				

**ETHYLENE/ACRYLIC ACID COPOLYMER**

ID: **9010-77-9**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:04</b>		
%: <b>0.2000 - 0.3000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: None				

**STARCH, SOLUBLE**

ID: **9005-84-9**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:04</b>		
%: <b>0.2000 - 0.3000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: None				

**ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL**

ID: **25213-24-5**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:05</b>		
%: <b>0.1000 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: None				

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

ID: **146340-15-0**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:05</b>		
%: <b>0.1000 - 0.1000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: The Hazard(s) identified above are a product of the presence of the material(s) on one or more chemical or material "hazard" lists selected by the HPD Collaborative. Many of these lists were developed to further entirely different goals than providing exposure-based health information. The identification of the Hazard(s) is not an indication that the presence of the material in the product poses any increased risk to human health under normal conditions of use or exposure.

**WHITE MINERAL OIL**

ID: 8042-47-5

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:05</b>		
%: <b>0.1000 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>Both</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: None				

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:06</b>		
%: <b>0.1000 - 0.1000</b>	GS: <b>LT-1</b>	RC: <b>Both</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer		
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen		
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		
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		

SUBSTANCE NOTES: The Hazard(s) identified above are a product of the presence of the material(s) on one or more chemical or material "hazard" lists selected by the HPD Collaborative. Many of these lists were developed to further entirely different goals than providing exposure-based health information. The identification of the Hazard(s) is not an indication that the presence of the material in the product poses any increased risk to human health under normal conditions of use or exposure.

**CARBON BLACK**

ID: 1333-86-4

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-25 14:06:06</b>		
%: <b>0.1000 - 0.1000</b>	GS: <b>BM-1</b>	RC: <b>Both</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Pigment</b>
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: The Hazard(s) identified above are a product of the presence of the material(s) on one or more chemical or material "hazard" lists selected by the HPD Collaborative. Many of these lists were developed to further entirely different goals than providing exposure-based health information. The identification of the Hazard(s) is not an indication that the presence of the material in the product poses any increased risk to human health under normal conditions of use or exposure.



## 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/100244>  
CERTIFICATION AND COMPLIANCE NOTES: None

ISSUE DATE: 2021-03-23  
EXPIRY DATE: 2022-03-31

CERTIFIER OR LAB: CRI

### MULTI-ATTRIBUTE

#### Cradle to Cradle Certified - Silver (V3.1)

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: All  
CERTIFICATE URL: [https://cdn.c2ccertified.org/certifications/Interface\\_Inc/Interface\\_Modular\\_Carpet\\_on\\_CQuestBioBioX/Inter\\_Inter\\_Silve\\_CERT4810\\_2021-06-03\\_133514.pdf](https://cdn.c2ccertified.org/certifications/Interface_Inc/Interface_Modular_Carpet_on_CQuestBioBioX/Inter_Inter_Silve_CERT4810_2021-06-03_133514.pdf)  
CERTIFICATION AND COMPLIANCE NOTES: None

ISSUE DATE: 2021-05-11  
EXPIRY DATE: 2023-05-10  
CERTIFIER OR LAB: Cradle to Cradle Product Innovation Institute

### BIOBASED CONTENT

#### USDA BioPreferred Catalog

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: All  
CERTIFICATE URL: <https://www.biopreferred.gov/BioPreferred/faces/catalog/Catalog.xhtml>  
CERTIFICATION AND COMPLIANCE NOTES: Biobased Content Testing according to ASTM F6866-Biobased Results: CQuestBio: 47% CQuestBioX: 74%

ISSUE DATE: 2021-05-07

EXPIRY DATE:

CERTIFIER OR LAB: Beta Analytic

## 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

The Hazard(s) identified above are a product of the presence of the material(s) on one or more chemical or material "hazard" lists selected by the HPD Collaborative. Many of these lists were developed to further entirely different goals than providing exposure-based health information. The identification of the Hazard(s) is not an indication that the presence of the material in the product poses any increased risk to human health under normal conditions of use or exposure.

**MANUFACTURER INFORMATION**

MANUFACTURER: **Interface**  
 ADDRESS: **Interface**  
**1280 West Peachtree Street NW**  
**Atlanta Georgia 30309, USA**  
 WEBSITE: **www.interface.com**

CONTACT NAME: **Carol Fudge**  
 TITLE: **Manager, Market Sustainability**  
 PHONE: **603-560-8941**  
 EMAIL: **sustainability@interface.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**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<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>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> No GreenScreen.

**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.*