Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Threshold Disclosed Per
- Material
- Product

Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:
- Characterized
- Yes Ex/SC
- Yes
- No

% weight and role provided for all substances.

Screened
- Yes Ex/SC
- Yes
- No

All substances screened using Priority Hazard Lists with results disclosed.

Identified
- Yes Ex/SC
- Yes
- No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/or one or more Special Condition did not follow guidance.

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

INTERFACE AMERICAS MODULAR CARPET ON CUSHIONBAC RENEW
- FLY ASH (ALUMINOSILICATE) LT-UNK
- POLYETHYLENE TEREPHTHALATE (PET) (POST-CONSUMER RECYCLED) LT-UNK
- LIMESTONE; CALCIUM CARBONATE LT-UNK
- POLY(VINYL CHLORIDE-CO-METHYL ACRYLATE) LT-UNK
- BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3 LT-UNK
- ETHYLENE-VINYL ACETATE COPOLYMER LT-UNK
- GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) LT-UNK
- UNDISCLOSED NoGS
- CALCIUM OXIDE LT-UNK
- C8-18ALKYLBIS[2-HYDROXYETHYL]AMMONIUM BIS(2-ETHYLHEXYL)PHOSPHATE LT-P1
- AQU | SKI | MAM (POLYETHYLENE-ACRYLIC ACID) COPOLYMER LT-UNK
- SOLUBLE STARCH NoGS
- LECITHIN LT-UNK
- NYLON 6 (POST-CONSUMER) LT-UNK
- NYLON 6,6 LT-UNK

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CRI Green Label Plus - Carpets
Multi-attribute: Environmental Product Declaration (EPD) by ASTM

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: 2019-08-06
PUBLISHED DATE: 2019-08-06
EXPIRY DATE: 2022-08-06
This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

## INTERFACE AMERICAS MODULAR CARPET ON CUSHIONBAC RENEW

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were included</td>
<td></td>
</tr>
<tr>
<td>OTHER PRODUCT NOTES: .</td>
<td></td>
</tr>
</tbody>
</table>

### FLY ASH (ALUMINOSILICATE)

<table>
<thead>
<tr>
<th>ID: 68131-74-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE: 2019-08-06</td>
</tr>
<tr>
<td>%: 29.00 - 32.00</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: PreC</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Backing</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
</tr>
<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES: .</td>
</tr>
</tbody>
</table>

No warnings found on HPD Priority Hazard Lists

### POLYETHYLENE TEREPTHALATE (PET) (POST-CONSUMER RECYCLED)

<table>
<thead>
<tr>
<th>ID: 25038-59-9</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE: 2019-08-06</td>
</tr>
<tr>
<td>%: 16.00 - 18.00</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: PostC</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Backing</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
</tr>
<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES: .</td>
</tr>
</tbody>
</table>

No warnings found on HPD Priority Hazard Lists

### LIMESTONE; CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>ID: 1317-65-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE: 2019-08-06</td>
</tr>
<tr>
<td>%: 13.00 - 15.00</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: PreC</td>
</tr>
<tr>
<td>NANO: No</td>
</tr>
<tr>
<td>ROLE: Backing</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
</tr>
<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td>SUBSTANCE NOTES: .</td>
</tr>
</tbody>
</table>

No warnings found on HPD Priority Hazard Lists
<table>
<thead>
<tr>
<th>Substance Name</th>
<th>ID</th>
<th>Hazard Screening Method</th>
<th>Hazard Screening Date</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Role</th>
<th>Hazard Type</th>
<th>Agency and List Titles</th>
<th>Warnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly(vinyl chloride-co-methyl acrylate)</td>
<td>25035-98-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-08-06</td>
<td>7.00 - 8.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Backing</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>Bis(2-ethylhexyl) terephthalate</td>
<td>6422-86-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-08-06</td>
<td>5.00 - 6.00</td>
<td>BM-3</td>
<td>None</td>
<td>No</td>
<td>Backing</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>Ethylene-vinyl acetate copolymer</td>
<td>25822-09-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-08-06</td>
<td>5.00 - 5.00</td>
<td>LT-UNK</td>
<td>PreC</td>
<td>No</td>
<td>Backing</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>Polyethylene terephthalate (PET)</td>
<td>25038-59-9</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-08-06</td>
<td>2.00 - 2.00</td>
<td>LT-UNK</td>
<td>PreC</td>
<td>No</td>
<td>Primary</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
</tbody>
</table>
### Glass / Mineral Fiber (Post-Consumer Recycled)

**ID:** 65997-17-3

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06

**%:** 1.00 - 1.00  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Backing

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found

**SUBSTANCE NOTES:**

---

### Undisclosed

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06

**%:** 0.60 - 0.70  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Backing

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found

**SUBSTANCE NOTES:**

---

### Calcium Oxide

**ID:** 1305-78-8

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06

**%:** 0.20 - 0.30  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Backing

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**WARNINGS**

None found

**SUBSTANCE NOTES:**

---

### C8-18Alkylbis(2-Hydroxyethyl)ammonium Bis(2-Ethylhexyl)phosphate

**ID:** 68132-19-4

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06

**%:** 0.20 - 0.30  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Backing

**HAZARD TYPE**  
**AGENCY AND LIST TITLES**  
**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

**SKIN IRRITATION**  
EU - GHS (H-Statements)  
H314 - Causes severe skin burns and eye damage

**SKIN SENSITIZE**  
EU - GHS (H-Statements)  
H317 - May cause an allergic skin reaction

**MAMMALIAN**  
EU - GHS (H-Statements)  
H331 - Toxic if inhaled
### (Polyethylene-Acryllic Acid) Copolymer

**ID:** 9010-77-9  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06  
**%:** 0.10 - 0.10  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Backing  

None found  

No warnings found on HPD Priority Hazard Lists

### Soluble Starch

**ID:** 9005-84-9  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06  
**%:** 0.10 - 0.10  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Backing  

None found  

No warnings found on HPD Priority Hazard Lists

### Lecithin

**ID:** 8002-43-5  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06  
**%:** 0.10 - 0.10  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**ROLE:** Backing  

None found  

No warnings found on HPD Priority Hazard Lists

### Nylon 6 (Post-Consumer)

**ID:** 25038-54-4  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-08-06  
**%:** 0.00 - 21.00  
**GS:** LT-UNK  
**RC:** Both  
**NANO:** No  
**ROLE:** Yarn  

None found  

No warnings found on HPD Priority Hazard Lists
<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-08-06</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.00 - 21.00</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>RC: Both</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>NANO: No</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>ROLE: Yarn</td>
</tr>
<tr>
<td>None found</td>
<td></td>
</tr>
</tbody>
</table>

No warnings found on HPD Priority Hazard Lists
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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>CRI Green Label Plus - Carpets</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://services.carpet-rug.org/api/GLPCertificate/0820">https://services.carpet-rug.org/api/GLPCertificate/0820</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2004-05-26</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2019-12-31</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>CRI</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MULTI-ATTRIBUTE</th>
<th>Environmental Product Declaration (EPD) by ASTM</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://spot.ulprospector.com/en/na/BuiltEnvironment">https://spot.ulprospector.com/en/na/BuiltEnvironment</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2017-08-24</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2022-08-23</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>ULE</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>None</td>
</tr>
</tbody>
</table>

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

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.
MANUFACTURER INFORMATION

MANUFACTURER: Interface
ADDRESS: Interface
1503 Orchard Hill Road
Lagrange GA 30241, US
WEBSITE: http://www.interface.com

CONTACT NAME: Carol Fudge
TITLE: Sustainability Specialist
PHONE: 603-560-8941
EMAIL: sustainability@interface.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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
OZ0 Ozone depletion
PBT Persistent Bioaccumulative Toxic
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)

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

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.

Interface Americas Modular Carpet on CushionBac Renew
hpcrepository.hpd-collaborative.org

HPD v2.1.1 created via HPDC Builder Page 8 of 8