Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

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

Residues/Impurities
- Considered in 4 of 4 Materials
- % weight and role provided for all substances

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®. 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
--- | --- | --- | --- | ---
POLYURETHANE AND SILICONE FACE | POLYURETHANE FOAMS | LT-UNK | CALCIUM CARBONATE | BM-3
POLYURETHANE FOAMS | LT-UNK | POLYESTER |
BACKING | POLYETHYLENE TEREPTHALATE | LT-UNK |
STAIN RESISTANT TOP COAT | POLYURETHANE FOAMS | LT-UNK |
SILICON | LT-UNK |

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: Clean Air Gold

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1 and Option 2

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:
SCREENING DATE: 2020-10-07
PUBLISHED DATE: 2020-10-07
EXPIRY DATE: 2023-10-07
### POLYURETHANE AND SILICONE FACE

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
<th>Residuals and Impurities Considered</th>
<th>Material Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYURETHANE AND SILICONE FACE</td>
<td>50.8000 - 50.8000</td>
<td>Yes</td>
<td>Polymeric Material</td>
</tr>
</tbody>
</table>

**Product Threshold:** 100 ppm  
**Residuals and Impurities Considered:** Yes

**Residuals and Impurities Notes:** Residuals and Impurities were considered and determined below the 100 ppm threshold.

**OTHER MATERIAL NOTES:**

---

### POLYURETHANE FOAMS

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Substance Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYURETHANE FOAMS</td>
<td>77.5591 - 77.5591</td>
<td>LT-UNK</td>
<td>None</td>
<td>Unknown</td>
<td>Textile component</td>
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<tr>
<td></td>
<td>77.5591</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-07

**HAZARD TYPE:** None found  
**AGENCY AND LIST TITLES:**

**WARNINGS:** No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**

---

### CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Substance Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CARBONATE</td>
<td>20.8701 - 20.8701</td>
<td>BM-3</td>
<td>None</td>
<td>Unknown</td>
<td>Textile component</td>
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<tr>
<td></td>
<td>20.8701</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-07

**HAZARD TYPE:** None found  
**AGENCY AND LIST TITLES:**

**WARNINGS:** No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**

---

### SILICON

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Substance Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICON</td>
<td>1.5807 - 1.5807</td>
<td>LT-UNK</td>
<td>None</td>
<td>Unknown</td>
<td>Textile component</td>
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<tr>
<td></td>
<td>1.5807</td>
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</tbody>
</table>

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-07

**HAZARD TYPE:** None found  
**AGENCY AND LIST TITLES:**

**WARNINGS:** No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**

---

### POLYESTER BACKING

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
<th>Residuals and Impurities Considered</th>
<th>Material Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYESTER BACKING</td>
<td>36.4000 - 36.4000</td>
<td>Yes</td>
<td>Polymeric Material</td>
</tr>
</tbody>
</table>

**Product Threshold:** 100 ppm  
**Residuals and Impurities Considered:** Yes

**Residuals and Impurities Notes:** Residuals and Impurities were considered and determined below the 100 ppm threshold.
### Polyethylene Terephthalate

**ID:** 25038-59-9  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-07  
**%:** 100.0000 - 100.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** Unknown  
**SUBSTANCE ROLE:** Coating

**HAZARD TYPE**  
None found

**AGENCY AND LIST TITLES**  
No warnings found on HPD Priority Hazard Lists

**WARNINGS**

**SUBSTANCE NOTES:**

### Adhesive

**%:** 8.3000 - 8.3000

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Polymeric Material

**RESIDUALS AND IMPURITIES NOTES:** Residuals and Impurities were considered and determined below the 100 ppm threshold.

**OTHER MATERIAL NOTES:**

### Polyurethane Foams

**ID:** 9009-54-5  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-10-07  
**%:** 100.0000 - 100.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** Unknown  
**SUBSTANCE ROLE:** Adhesive

**HAZARD TYPE**  
None found

**AGENCY AND LIST TITLES**  
No warnings found on HPD Priority Hazard Lists

**WARNINGS**

**SUBSTANCE NOTES:**

### Stain Resistant Top Coat

**%:** 4.5000 - 4.5000

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Polymeric Material

**RESIDUALS AND IMPURITIES NOTES:** Residuals and Impurities were considered and determined below the 100 ppm threshold.

**OTHER MATERIAL NOTES:**
<table>
<thead>
<tr>
<th><strong>POLYURETHANE FOAMS</strong></th>
<th><strong>SILICON</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong></td>
<td><strong>HAZARD SCREENING METHOD:</strong></td>
</tr>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td><strong>%:</strong> 67.0000 - 67.0000</td>
<td><strong>%:</strong> 33.0000 - 33.0000</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
<td>GS: LT-UNK</td>
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<tr>
<td>NANO: Unknown</td>
<td>NANO: Unknown</td>
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<tr>
<td><strong>HAZARD TYPE</strong></td>
<td><strong>HAZARD TYPE</strong></td>
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<td>None found</td>
<td>None found</td>
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<tr>
<td></td>
<td></td>
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<tr>
<td><strong>SUBSTANCE NOTES:</strong></td>
<td><strong>SUBSTANCE NOTES:</strong></td>
</tr>
</tbody>
</table>
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>Clean Air Gold</th>
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</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
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<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
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<td>CERTIFICATE URL:</td>
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<tr>
<td>ISSUE DATE:</td>
<td>2020-07-10</td>
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<td>EXPIRY DATE:</td>
<td></td>
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<tr>
<td>CERTIFIER OR LAB:</td>
<td>Intertek</td>
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</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

Textile warehousing and shipping from the Lubin Building located in East Greenville, Pennsylvania. This facility is also ISO 14001 and ISO 9001 Certified. Textiles can be purchased without finishes as a custom order to meet specific environmental standards, however, it may not comply with some contract market standards. Prior evaluation and approval is required by KnollTextiles. Confidentiality Notice: This data is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged, confidential and exempt from disclosure under applicable law. Information has been provided by the supplier to the best of their knowledge at time of completion.
MANUFACTURER INFORMATION

MANUFACTURER: KnollTextiles
ADDRESS: 120 W Pumping Station Road Suite A
Quakertown Pennsylvania 18951, USA
WEBSITE: www.knolltextiles.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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
LAN Land toxicity
MAM Mammalian/systemic/organ toxicity
MUL Multiple
NEU Neurotoxicity
NF Not found on Priority Hazard Lists
OZO Ozone depletion
PBT Persistent, bioaccumulative, and toxic
PHY Physical hazard (flammable or reactive)
REP Reproductive
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
UNK Unknown

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
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.)
NoGS 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.