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

Residuals/Impurities
- Characterized
- Considered in 0 of 4 Materials
- Explanation(s) provided

All Substances Above the Threshold Indicated Are:
- Characterized
- Considered in 0 of 4 Materials
- Explanation(s) 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
--- | --- | --- | --- | ---
SUNBRELLA ACRYLIC | OTHER PIGMENTS | NoGS | SUNBRELLA ACRYLIC FIBER | NoGS | RECYCLED ACRYLIC CONTENT | SUNBRELLA ACRYLIC FIBER | NoGS | OTHER PIGMENTS | NoGS | SUNBRELLA POLYESTER YARN | UNDISCLOSED LT-UNK | TITANIUM DIOXIDE | LT-1 | CAN | END | STAIN REPELLENT FINISH | UNDISCLOSED | NoGS | UNDISCLOSED | LT-1 | UNDISCLOSED | NoGS | UNDISCLOSED | NoGS

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 Silver

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: 2021-03-08
Published Date: 2021-03-08
Expiry Date: 2024-03-08
This section list 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)

### SUNBRELLA ACRYLIC

<table>
<thead>
<tr>
<th>%: 75.0000 - 80.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD: 1000 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED: No</td>
</tr>
<tr>
<td>MATERIAL TYPE: Other: Not Set</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES: ___________________________</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES: _</td>
</tr>
</tbody>
</table>

### OTHER PIGMENTS

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library

<table>
<thead>
<tr>
<th>%: 100.0000 - 100.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS: NoGS</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: Unknown</td>
</tr>
<tr>
<td>SUBSTANCE ROLE: Dye</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
</tr>
<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
</tr>
</tbody>
</table>

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Pigment bound in fiber polymer matrix

### SUNBRELLA ACRYLIC FIBER

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library

<table>
<thead>
<tr>
<th>%: 95.0000 - 100.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS: NoGS</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: Unknown</td>
</tr>
<tr>
<td>SUBSTANCE ROLE: Textile component</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
</tr>
<tr>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
</tr>
</tbody>
</table>

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS number used to determine hazards but not disclosed to protect supply chain.

### RECYCLED ACRYLIC CONTENT

<table>
<thead>
<tr>
<th>%: 18.0000 - 20.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD: 1000 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED: No</td>
</tr>
<tr>
<td>MATERIAL TYPE: Other: Not Set</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES: ___________________________</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES: Post Industrial Recycled Content</td>
</tr>
</tbody>
</table>
### SUNBRELLA ACRYLIC FIBER

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library</th>
<th>HAZARD SCREENING DATE: 2021-03-08</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 95.0000 - 100.0000</td>
<td>GS: NoGS RC: PreC NANO: Unknown SUBSTANCE ROLE: Textile component</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

None found

**WARNINGS**

None found

**SUBSTANCE NOTES:** CAS number used to determine hazards but not disclosed to protect supply chain.

---

### OTHER PIGMENTS

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library</th>
<th>HAZARD SCREENING DATE: 2021-03-08</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0000 - 5.0000</td>
<td>GS: NoGS RC: None NANO: Unknown SUBSTANCE ROLE: Dye</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

None found

**WARNINGS**

None found

**SUBSTANCE NOTES:** Pigment bound in fiber polymer matrix

---

### SUNBRELLA POLYESTER YARN

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED: No MATERIAL TYPE: Other: Not Set</th>
</tr>
</thead>
</table>

**RESIDUALS AND IMPURITIES NOTES:**

_______________________________

**OTHER MATERIAL NOTES:**

_
UNDISCLOSED

HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library  HAZARD SCREENING DATE: 2021-03-08

%: 92.0000 - 100.0000  GS: LT-UNK  RC: None  NANO: Unknown  SUBSTANCE ROLE: Textile component

None found  WARNINGS

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: CAS number used to determine hazards but not disclosed to protect supply chain.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2021-03-08

%: 0.0000 - 5.0000  GS: LT-1  RC: None  NANO: Unknown  SUBSTANCE ROLE: Pigment

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: TiO2 is bound in polymer matrix

STAIN REPELLENT FINISH

%: 0.0000 - 1.1000

PRODUCT THRESHOLD: 1000 ppm  RESIDUALS AND IMPURITIES CONSIDERED: No  MATERIAL TYPE: Other: Not Set

RESIDUALS AND IMPURITIES NOTES: ________________________________

OTHER MATERIAL NOTES: _
<table>
<thead>
<tr>
<th>ID: Undisclosed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Toxnot Chemical Hazard Screening Library</td>
</tr>
<tr>
<td><strong>%:</strong> 0.0000 - 35.0000</td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong> CAS number used to determine hazards but not disclosed to protect supply chain.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ID: Undisclosed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Toxnot Chemical Hazard Screening Library</td>
</tr>
<tr>
<td><strong>%:</strong> 0.0000 - 32.0000</td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong> No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ID: Undisclosed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Toxnot Chemical Hazard Screening Library</td>
</tr>
<tr>
<td><strong>%:</strong> 0.0000 - 30.0000</td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong> Non-PFOA/PFOS water repellent</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ID: Undisclosed</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Toxnot Chemical Hazard Screening Library</td>
</tr>
<tr>
<td><strong>%:</strong> 0.0000 - 15.0000</td>
</tr>
<tr>
<td>None found</td>
</tr>
<tr>
<td><strong>SUBSTANCE NOTES:</strong> CAS number used to determine hazards but not disclosed to protect supply chain.</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 Silver</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></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-07-10</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Intertek</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES:

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

CONTACT NAME: Sustainability Coordinator
TITLE: Sustainability Coordinator
PHONE: 866-565-5858
EMAIL: textiles.technicalsupport@knoll.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
- 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.