Section 1: Summary

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
<th>All Substances Above the Threshold Indicated Are:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Residuals/Impurities</td>
<td>Characterized</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td>Considered in 2 of 3 Materials</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Per GHS SDS</td>
<td>Explanation(s) provided for Residuals/Impurities?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>VINYL FILM</td>
<td>POLYVINYL CHLORIDE</td>
<td>RES DI(2-ETHYLHEXYL) TEREPTHALATE BM-3dg</td>
<td>LT-P1</td>
<td>ALUMINUM HYDROXIDE BM-2</td>
</tr>
<tr>
<td></td>
<td>TITANIUM DIOXIDE LT-1</td>
<td>CAN</td>
<td>END CARBON BLACK BM-1</td>
<td>CAN</td>
</tr>
<tr>
<td></td>
<td>POLYETHYLENE TEREPTHALATE LT-UNK</td>
<td>ADHESIVE</td>
<td>POLYVINYL CHLORIDE LT-P1</td>
<td>RES DI(2-ETHYLHEXYL) TEREPTHALATE BM-3dg</td>
</tr>
<tr>
<td></td>
<td>BRANCHED C10-ALKYL BENZOATES</td>
<td>NoGS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
### VINYL FILM

<table>
<thead>
<tr>
<th>%: 64.1500 - 100.0000</th>
</tr>
</thead>
</table>

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

**RESIDUALS AND IMPURITIES NOTES:** Trace amount of vinyl chloride monomer (CAS 75-01-4) may be present in the PVC resin at less than 1 ppm.

**OTHER MATERIAL NOTES:**

### POLYVINYL CHLORIDE

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14

<table>
<thead>
<tr>
<th>%: 35.8056 - 51.4419</th>
</tr>
</thead>
</table>

**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Structure component

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

AOEC - Asthmagens  
Asthmagen (Rs) - sensitizer-induced

**SUBSTANCE NOTES:**

### DI(2-ETHYLHEXYL) TEREPTHALATE

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14

<table>
<thead>
<tr>
<th>%: 17.9028 - 18.7062</th>
</tr>
</thead>
</table>

**GS:** BM-3dg  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Plasticizer

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

None found  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**

### ALUMINUM HYDROXIDE

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14

<table>
<thead>
<tr>
<th>%: 12.4708 - 17.9028</th>
</tr>
</thead>
</table>

**GS:** BM-2  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Flame retardant

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

None found  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**

### CALCIUM CARBONATE

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14

**ID:** 9002-86-2  
**ID:** 6422-86-2  
**ID:** 21645-51-2  
**ID:** 1317-65-3
<table>
<thead>
<tr>
<th>Substance</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>Substance Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>Pharos Chemical and Materials Library</td>
<td>2021-01-14</td>
<td>3.1177 - 7.6726</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>Pharos Chemical and Materials Library</td>
<td>2021-01-14</td>
<td>0.7794 - 1.1083</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Pigment</td>
</tr>
<tr>
<td>Soybean Oil, Epoxydized</td>
<td>8013-07-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2021-01-14</td>
<td>0.3897 - 0.8525</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Stabilizer</td>
</tr>
</tbody>
</table>

**Substance Notes:**
- Titanium Dioxide: This substance is not present in an airborne or respirable form.
- Carbon Black: This substance is not present in an airborne or respirable form.
- Soybean Oil, Epoxydized: This substance is not present in an airborne or respirable form.
### BARIUM

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14  
**ID:** 7440-39-3  

<table>
<thead>
<tr>
<th>Substance</th>
<th>% (0.3118 - 0.4263)</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BARIUM</td>
<td></td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Stabilizer</td>
</tr>
</tbody>
</table>

### ZINC

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14  
**ID:** 7440-66-6

<table>
<thead>
<tr>
<th>Substance</th>
<th>% (0.3118 - 0.4263)</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZINC</td>
<td></td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Stabilizer</td>
</tr>
</tbody>
</table>

**WARNINGS**

- **AQU** - EU - GHS (H-Statements)
  - H400 - Very toxic to aquatic life
- **AQU** - EU - GHS (H-Statements)
  - H410 - Very toxic to aquatic life with long lasting effects

**END**  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

### NONWOVEN BACKING

**%:** 9.8000 - 15.0000  
**PRODUCT THRESHOLD:** 1000 ppm

**MATERIAL TYPE:** Polymeric Material

**OTHER MATERIAL NOTES:**

Traverse - WC2394 - Wallcovering

hpdrepository.hpd-collaborative.org

HPD v2.2 created via HPDC Builder Page 4 of 8
**PULP, CELLULOSE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-01-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 60.0000 - 71.4286</td>
<td>GS: NoGS</td>
</tr>
<tr>
<td></td>
<td>RC: None NANO: No SUBSTANCE ROLE: Structure component</td>
</tr>
<tr>
<td>HAZARD TYPE AGENCY AND LIST TITLES WARNINGS</td>
<td></td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARD NOT ON FILE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Toxnot Chemical Hazard Screening Library</th>
<th>HAZARD SCREENING DATE: 2021-01-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 20.4082 - 26.6667</td>
<td>GS: LT - UNK</td>
</tr>
<tr>
<td></td>
<td>RC: None NANO: No SUBSTANCE ROLE: Binder</td>
</tr>
<tr>
<td>HAZARD TYPE AGENCY AND LIST TITLES WARNINGS</td>
<td></td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td></td>
</tr>
</tbody>
</table>

**POLYETHYLENE TEREPTHALATE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2021-01-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 8.1633 - 13.333</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td></td>
<td>RC: PostC NANO: No SUBSTANCE ROLE: Structure component</td>
</tr>
<tr>
<td>HAZARD TYPE AGENCY AND LIST TITLES WARNINGS</td>
<td></td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td></td>
</tr>
</tbody>
</table>

**ADHESIVE**

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Polymeric Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 1.4600 - 3.1500</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES: Trace amount of vinyl chloride monomer (CAS 75-01-4) may be present at less than 1 ppm.</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES:</td>
</tr>
</tbody>
</table>
### POLYVINYL CHLORIDE

**ID:** 9002-86-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14  
**%:** 57.1429 - 61.6438  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Adhesive  
**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**  
--- | --- | ---  
RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced

**SUBSTANCE NOTES:**

### DI(2-ETHYLHEXYL) TEREPTHALATE

**ID:** 6422-86-2  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14  
**%:** 27.3973 - 28.5714  
**GS:** BM-3dg  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Plasticizer  
**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**  
--- | --- | ---  
None found |  | No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**

### BRANCHED C10-ALKYL BENZOATES

**ID:** 131298-44-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-01-14  
**%:** 10.9589 - 14.2857  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Plasticizer  
**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**  
--- | --- | ---  
None found |  | No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:**
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

<table>
<thead>
<tr>
<th>Clean Air Gold</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CERTIFYING PARTY:</strong> Third Party</td>
</tr>
<tr>
<td><strong>APPLICABLE FACILITIES:</strong> All</td>
</tr>
<tr>
<td><strong>CERTIFICATE URL:</strong></td>
</tr>
<tr>
<td><strong>ISSUE DATE:</strong> 2020-07-10</td>
</tr>
<tr>
<td><strong>EXPIRY DATE:</strong></td>
</tr>
<tr>
<td><strong>CERTIFIER OR LAB:</strong> Intertek</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

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  
- **END** Endocrine activity  
- **EYE** Eye irritation/corrosivity  
- **GEN** Gene mutation  
- **GLO** Global warming  

#### 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.