Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method

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

Residuals/Impurities
- Considered in 0 of 1 Materials

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

Screened
- Yes

Identified
- Yes: No
- No: No

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
--- | --- | --- | --- | ---
DECORATIVE PANEL | SLAGWOOL | NoGS | LT-UNK | LT-1
| PERLITE | LT-UNK | LT-UNK | LT-UNK | LT-1
| KAOLIN | LT-UNK | LT-UNK | LT-1
| CAN | STARCH | LT-UNK | CELLULOSE, MICROCRYSTALLINE | LT-1
| RES | QUARTZ | LT-1 | CAN | LT-1

Number of Greenscreen BM-4/BM3 contents: 0
Contents highest concern GreenScreen Benchmark or List translator Score: LT-1
Nanomaterial: No
INVENTORY AND SCREENING NOTES:
MICORE PANELS SUBSTRATE

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: CHPS Low Emitting Materials Table - 2009

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #: 
SCREENING DATE: 2020-07-23
PUBLISHED DATE: 2020-07-23
EXPIRY DATE: 2023-07-23
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

<table>
<thead>
<tr>
<th>DECORATIVE PANEL</th>
<th>%: 100.0000 - 100.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD: 100 ppm</td>
<td>RESIDUALS AND IMPURITIES CONSIDERED: No</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES: NO KNOW RESIDUALS OR IMPURITIES</td>
<td>MATERIAL TYPE: Wood or Lumber</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SLAGWOOL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2020-07-23</td>
</tr>
<tr>
<td>%: 30.0000 - 40.0000</td>
<td>GS: NoGS</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE: Structure component</td>
<td></td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>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>

<table>
<thead>
<tr>
<th>PERLITE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2020-07-23</td>
</tr>
<tr>
<td>%: 20.0000 - 30.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE: Structure component</td>
<td></td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>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>
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<table>
<thead>
<tr>
<th>KAOLIN</th>
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<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2020-07-23</td>
</tr>
<tr>
<td>%: 10.0000 - 20.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE: Structure component</td>
<td></td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES:

<table>
<thead>
<tr>
<th>STARCH</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2020-07-23</td>
<td></td>
</tr>
<tr>
<td>%: 10.0000 - 20.0000</td>
<td>GS: LT-UNK</td>
<td>RC: None NANO: No SUBSTANCE ROLE: Structure component</td>
</tr>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES:

<table>
<thead>
<tr>
<th>CELLULOSE, MICROCRYSTALLINE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2020-07-23</td>
</tr>
<tr>
<td>%: 10.0000 - 20.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>AOE - Asthmagens</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES:

<table>
<thead>
<tr>
<th>QUARTZ</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2020-07-23</td>
<td></td>
</tr>
<tr>
<td>%: Impurity/Residual</td>
<td>GS: LT-1</td>
<td>RC: None NANO: No SUBSTANCE ROLE: Impurity/Residual</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------------------------------</td>
<td>--------------------------------------------------------------------------</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - New Zealand</td>
<td>6.7A - Known or presumed human carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
<td>H350i - May cause cancer by inhalation</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

CARNEGIE-XOREL ARTFORM TACKABLE-HPD
hpdrepository.hpd-collaborative.org
HPD v2.2 created via HPDC Builder Page 4 of 6
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>CHPS Low Emitting Materials Table - 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY: Third Party</td>
<td>ISSUE DATE: 2020-07-23</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES: NEW YORK CITY</td>
<td>EXPIRY DATE: 2021-07-23</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td>CERTIFIER OR LAB: BERKELEY ANALYTICAL</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td></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.

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: FOR QUICK GRAB INSTALLATION</td>
<td></td>
</tr>
</tbody>
</table>

Section 5: General Notes

aRTFORM is a versatile tiling system that combines the premier high performance interior textile Xorel with proven functionality.
MANUFACTURER INFORMATION

MANUFACTURER: Carnegie Fabrics  
ADDRESS: 110 North Center Avenue, Rockville Centre, New York 11570, United States  
WEBSITE: https://www.xorelartform.com/about/  

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

<table>
<thead>
<tr>
<th>Hazard Types</th>
<th>GreenScreen (GS)</th>
<th>Recycled Types</th>
<th>Other Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU Aquatic toxicity</td>
<td>BM-4 Benchmark 4 (prefer-safer chemical)</td>
<td>PreC Pre-consumer recycled content</td>
<td>GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
</tr>
<tr>
<td>CAN Cancer</td>
<td>BM-3 Benchmark 3 (use but still opportunity for improvement)</td>
<td>PostC Post-consumer recycled content</td>
<td>Inventory Methods:</td>
</tr>
<tr>
<td>DEV Developmental toxicity</td>
<td>BM-2 Benchmark 2 (use but search for safer substitutes)</td>
<td>UNK Inclusion of recycled content is unknown</td>
<td>Nested Method / Material Threshold Substances listed within each material per threshold indicated per material</td>
</tr>
<tr>
<td>END Endocrine activity</td>
<td>BM-1 Benchmark 1 (avoid - chemical of high concern)</td>
<td>None Does not include recycled content</td>
<td>Nested Method / Product Threshold Substances listed within each material per threshold indicated per product</td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td>BM-U Benchmark Unspecified (due to insufficient data)</td>
<td>Preparer Third party preparer, if not self-prepared by manufacturer</td>
<td>Basic Method / Product Threshold Substances listed individually per threshold indicated per product</td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td>LT-P1 List Translator Possible 1 (Possible Benchmark-1)</td>
<td>Applicable facilities Manufacturing sites to which testing applies</td>
<td>Nano Composed of nano scale particles or nanotechnology</td>
</tr>
<tr>
<td>GLO Global warming</td>
<td></td>
<td></td>
<td>Third Party Verified Verification by independent certifier approved by HPDC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inventory Methods:</th>
<th></th>
<th></th>
<th>Applicable Preparers, if not self-prepared by manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Method / Material Threshold</td>
<td>Substances listed within each material per threshold indicated per material</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nested Method / Product Threshold</td>
<td>Substances listed within each material per threshold indicated per product</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Method / Product Threshold</td>
<td>Substances listed individually per threshold indicated per product</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.