Section 1: Summary

Basic Method / Product Threshold

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
- Per OSHA MSDS
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?
- Yes
- No

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

- % weight and role provided for all substances except SC
  - substances characterized according to SC guidance.

- Screened
  - Yes Ex/SC
  - Yes
  - No

- All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

- 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
--- | --- | --- | --- | ---
SUSTAIN ECO DOOR | SC:FLAX FIBER | Not Screened | NoGS | Not Screened
WOOD DUST - UNSPECIFIED | NoGS | POLYMERIC MDI (PMDI) - LT-UNK | RES | MUL | CAN
UNDISCLOSED WATER | BM-2 | POLYVINYL ACETATE (PVA) - LT-UNK | RES | MUL | CAN
ETHYLENE GLYCOL | BM-1 | AMMONIA - LT-P1 | RES | AQU | SKI | MAM | END | MUL | UNDISCLOSED | LT-1 | CAN | MUL | PARAFFIN WAXES (COAL) | NoGS | UNDISCLOSED

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern Greenscreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
Special conditions applied: BiologicalMaterial

[LEED v4] “Yes ex/SC” result is due only to materials and substances for which Special Conditions were applied. Thus “Yes ex/SC” does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

Identified is marked “No” because there are proprietary substances and substances with no registered IDs reported on this HPD.

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: Inherently non-emitting source per LEED®

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: 2018-12-14
PUBLISHED DATE: 2018-12-14
EXPIRY DATE: 2021-12-14
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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### SUSTAIN ECO DOOR

**PRODUCT THRESHOLD:** 100 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** No Residuals or Impurities are expected to be present at or above Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS.

**OTHER PRODUCT NOTES:**

#### SC:FLAX FIBER

**IDENTIFIER:** SC:Bio

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2018-12-14

<table>
<thead>
<tr>
<th>%: 72.2400</th>
<th>GS: Not Screened</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Core</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

**WARNINGS**

- Hazard Screening not performed

**SUBSTANCE NOTES:**

- Version: SCBioMats/2018-02-23
- Category: Plant-based materials
- Identifier: Linum usitatissimum L.

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

#### WOOD DUST - UNSPECIFIED

**IDENTIFIER:** Not registered

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2018-12-14

<table>
<thead>
<tr>
<th>%: 21.1800</th>
<th>GS: NoGS</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Facing</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

**WARNINGS**

- No hazards found

**SUBSTANCE NOTES:**

#### POLYMERIC MDI (PMDI)

**IDENTIFIER:** 9016-87-9

**SUBSTANCE NOTES:**

Version: SCBioMats/2018-02-23
Category: Plant-based materials
Identifier: Linum usitatissimum L.

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.
### HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

#### %: 4.2000 - 5.0000

**RESPIRATORY**
- **AOEC - Asthmagens**: Asthmagen (G) - generally accepted

**RESTRICTED LIST**
- **US EPA - PPT Chemical Action Plans**: Inhalation sensitizer causing asthma and lung damage

**CANCER**
- **MAK**: Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

**RESPIRATORY**
- **MAK**: Sensitizing Substance Sah - Danger of airway & skin sensitization

#### SUBSTANCE NOTES:
This substance is undisclosed for proprietary reasons.

### UNDISCLOSED

#### %: 0.8000

**RESPIRATORY**
- **US EPA - PPT Chemical Action Plans**: Inhalation sensitizer causing asthma and lung damage

**CANCER**
- **MAK**: Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

**RESPIRATORY**
- **MAK**: Sensitizing Substance Sah - Danger of airway & skin sensitization

#### SUBSTANCE NOTES:
This substance is undisclosed for proprietary reasons.

### WATER

#### %: 0.5000

- **Respiratory**
  - **US EPA - PPT Chemical Action Plans**: Inhalation sensitizer causing asthma and lung damage

- **Cancer**
  - **MAK**: Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

- **Respiratory**
  - **MAK**: Sensitizing Substance Sah - Danger of airway & skin sensitization

#### SUBSTANCE NOTES:

### POLYVINYL ACETATE (PVA)

#### %: 0.4000

- **Respiratory**
  - **US EPA - PPT Chemical Action Plans**: Inhalation sensitizer causing asthma and lung damage

- **Cancer**
  - **MAK**: Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

- **Respiratory**
  - **MAK**: Sensitizing Substance Sah - Danger of airway & skin sensitization

#### SUBSTANCE NOTES:
**ETHYLENE GLYCOL**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.3000</td>
<td>GS: BM-1</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Adhesive mix</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEVELOPMENTAL</td>
<td>CA EPA - Prop 65</td>
<td>Developmental toxicity</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
<td>Clear Evidence of Adverse Effects - Developmental Toxicity</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
</tbody>
</table>

**AMMONIA**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.1400</td>
<td>GS: LT-P1</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Face</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOECC - Asthmagens</td>
<td>Asthmagen (Rr) - irritant-induced</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H314 - Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>MAMMALIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H331 - Toxic if inhaled</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>MAMMALIAN</td>
<td>US EPA - EPCRA Extremely Hazardous Substances</td>
<td>Extremely Hazardous Substances</td>
</tr>
</tbody>
</table>

**UNDISCLOSED**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2018-12-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.1400</td>
<td>GS: LT-1</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Adhesive</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>----------</td>
<td>--------------------</td>
<td>-----------------------------------------------------</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 3 - Severe Hazard to Waters</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
<td>Carcinogen Category 1B - Presumed Carcinogen based on animal evidence</td>
</tr>
<tr>
<td>CANCER</td>
<td>Australia - GHS</td>
<td>H350 - May cause cancer</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** This substance is undisclosed for proprietary reasons.

---

### PARAFFIN WAXES (COAL)

**ID:** Not registered

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2018-12-14

| %: 0.1000 | GS: NoGS | RC: None | NANO: No | ROLE: Adhesive |

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

No hazards found

**SUBSTANCE NOTES:**

---

Sustain Eco Door
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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>CERTIFYING PARTY:</th>
<th>Second Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE:</td>
<td>2018-12-14</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2019-12-14</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>N/A</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All locations</td>
</tr>
</tbody>
</table>

**CERTIFICATION AND COMPLIANCE NOTES:** As per LEED: "Products that are inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solid wood) are considered fully compliant without any VOC emissions testing if they do not include integral organic-based surface coatings, binders, or sealants.

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
Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: HPD Collaborative
ADDRESS: 1234 Main St.
Jones IA 88002, USA
WEBSITE: http://google.com
CONTACT NAME: Joe Jones
TITLE: Owner
PHONE: 800-555-1212
EMAIL: joe@joe.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
- OZO 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.