Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Disclosed Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>Considered</td>
</tr>
<tr>
<td>1,000 ppm</td>
<td>Partially Considered</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>Not Considered</td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

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
  - All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC 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 |
----------|-----------|----------------------|-------------------|-------------|
REED BY SAHCO | SC:COTTON | Not Screened | CELLULOSE, MICROCRYSTALLINE LT-UNK | RES SC:LINEN | Not Screened |

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK
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.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: UL/GreenGuard Gold Certified

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: 2020-06-29
PUBLISHED DATE: 2020-06-29
EXPIRY DATE: 2023-06-29
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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

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**REED BY SAHCO**

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** The residuals/impurities have not been considered as there by our requirements have not been used substances of concern and the textile is produced with a high focus on sustainability in all its processes. The textile follow the EU Ecolabel dye restrictions incl. AZO dye and heavy metal restrictions. No content of formaldehyde. Complies with REACH regulation.

**OTHER PRODUCT NOTES:** Website link to see further technical specifications and certifications: [https://kvadrat.dk/products/600649](https://kvadrat.dk/products/600649)
<table>
<thead>
<tr>
<th>Substance</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>SC: Cotton</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-29</td>
<td>56.0000</td>
<td>Not Screened</td>
<td>None</td>
<td>No</td>
<td>Textile component</td>
</tr>
<tr>
<td>SC: Linen</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-29</td>
<td>18.0000</td>
<td>Not Screened</td>
<td>None</td>
<td>No</td>
<td>Textile component</td>
</tr>
<tr>
<td>Cellulose, Microcrystalline</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-06-29</td>
<td>26.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Textile component</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

Version: SCBioMats/2018-02-23
Category: Plant-based materials
Identifier: Cotton

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.

Cotton cannot be identified by CAS RN# as it has none.

**SUBSTANCE NOTES:**

Version: SCBioMats/2018-02-23
Category: Plant-based materials
Identifier: Linen

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.

Linen cannot be identified by CAS RN# as it has none.
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

**UL/GreenGuard Gold Certified**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-02-27</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>UL Environment</td>
</tr>
</tbody>
</table>

**CERTIFICATION AND COMPLIANCE NOTES:** As the Greenguard certification is renewed annually there has not been set an expiry date.

### MULTI-ATTRIBUTE

**REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://echa.europa.eu">https://echa.europa.eu</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2007-06-01</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>none</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


Reed by Sahco
hpdrepository.hpd-collaborative.org
MANUFACTURER INFORMATION

MANUFACTURER: Kvadrat A/S
ADDRESS: Lundbergsvej 10
Ebeldtoft Syddjurs 8400, Denmark
WEBSITE: https://kvadrat.dk/

CONTACT NAME: Johanne Villumsen
TITLE: Technical Manager
PHONE: +86 13162157990
EMAIL: jovi@kvadrat.org

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></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></td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td>BM-U Benchmark Unspecified (due to insufficient data)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td>LT-P1 List Translator Possible 1 (Possible Benchmark-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GLO Global warming</td>
<td>LT-1 List Translator 1 (Likely Benchmark-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHO Physical hazard (flammable or reactive)</td>
<td>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.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRM Benchmark 1 (avoid - chemical of high concern)</td>
<td>NoGS No GreenScreen.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.