

HPD UNIQUE IDENTIFIER: 30345

CLASSIFICATION: 12 05 13 Fabrics

PRODUCT DESCRIPTION: Reflex is an upholstery textile used for interior and design.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p><b>Inventory Reporting Format</b></p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold Level</b></p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p><b>Residuals/Impurities Evaluation</b></p> <p><input type="radio"/> Completed</p> <p><input type="radio"/> Partially Completed</p> <p><input checked="" type="radio"/> Not Completed</p> <p><b>Explanation(s) provided :</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>For all contents above the threshold, the manufacturer has:</i></p> <p><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p><b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p><b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided name and CAS RN or other identifier.</i></p>
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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.

**PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**  
**REFLEX [ CELLULOSE, REGENERATED NoGS NYLON 6,6 LT-UNK WOOL ]**

Number of Greenscreen BM-4/BM3 contents ... 0  
 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None  
 Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**  
 Special Conditions applied: [BiologicalMaterial]

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: UL/GreenGuard Gold Certified  
 Multi-attribute: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals  
 Management: ISO 14001:2015 Environmental management systems  
 Management: ISO 9001:2015 Quality management systems

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.  
 Pre-checked for LEED v4 Option 2.  
 Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:  
 VERIFICATION #:

SCREENING DATE: 2022-10-26

PUBLISHED DATE: 2022-10-26

EXPIRY DATE: 2025-10-26

*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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)*

### REFLEX

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: At Kvadrat A/S we have chosen to complete the residuals/impurities evaluation through our continuous work with the mRSL (manufacturing restricted substances list). This is to ensure the fabrics, materials, component, and products manufactured on our behalf are both fit for purpose and meet the regulatory compliance requirements for the markets in which they are intended for sale. Regular chemical tests are performed, and the textile is produced with a high focus on sustainability in all its processes and follows the EU Ecolabel, such as Azo Dyes, heavy metals and formaldehyde. The textile complies with legal requirements such as REACH and POP Regulation.

OTHER PRODUCT NOTES: Website link to see further technical specifications and certifications: <https://kvadrat.dk/products/1263>

**WOOL**

ID: **Biological Material**

HAZARD DATA SOURCE: **HPDC Special Conditions Policy**

%: **87.0000**      GreenScreen: **Not Required**      RC: **None**      NANO: **No**      MATERIAL ROLE: **Textile component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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Hazard Screening is not applicable to this Special Condition

BIOLOGICAL MATERIALS CATEGORY: **Animal-based materials**

INGREDIENT DESCRIPTION: **Wool**

MATERIAL CONTENT NOTES: Wool cannot be identified by CAS RN# as it has none. Benefits of wool: Wool is a renewable resource, Wool is very comfortable because of its ability to absorb/give off humidity, Wool is flame retardant, Wool is biodegradable, Wool is naturally soil resistant, Wool ages with grace.

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.

**CELLULOSE, REGENERATED**

ID: **68442-85-3**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2022-10-26 2:44:38**

%: **8.0000**      GreenScreen: **NoGS**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Textile component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found      No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
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POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE SCIL Green Circle - Verified Low Concern
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SUBSTANCE NOTES: The composition is 8% viscose.

**NYLON 6,6**

ID: **32131-17-2**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2022-10-26 2:44:39**

%: **5.0000**      GreenScreen: **LT-UNK**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Textile component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found      No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
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None found      No listings found on Additional 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.*

<b>VOC EMISSIONS</b>	<b>UL/GreenGuard Gold Certified</b>	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Building materials, finishes and furnishings. CERTIFICATE URL: <a href="https://static.kvadrat.dk/assets/pdf/collection/green-guard-gold/a4/ggg-1263-sgreenguard-certificate.pdf">https://static.kvadrat.dk/assets/pdf/collection/green-guard-gold/a4/ggg-1263-sgreenguard-certificate.pdf</a>	ISSUE DATE: 2017-10-02 EXPIRY DATE:	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: As the Greenguard certification is renewed annually there has not been set an expiry date.		
<b>MULTI-ATTRIBUTE</b>	<b>REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals</b>	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="https://echa.europa.eu/">https://echa.europa.eu/</a>	ISSUE DATE: 2007-06-01 EXPIRY DATE:	CERTIFIER OR LAB: none
CERTIFICATION AND COMPLIANCE NOTES:		
<b>MANAGEMENT</b>	<b>ISO 14001:2015 Environmental management systems</b>	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2019-11-27 EXPIRY DATE:	CERTIFIER OR LAB: Dovre Certification AS
CERTIFICATION AND COMPLIANCE NOTES: Certificate is renewed every third year.		
<b>MANAGEMENT</b>	<b>ISO 9001:2015 Quality management systems</b>	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2019-11-27 EXPIRY DATE:	CERTIFIER OR LAB: Dovre Certification AS
CERTIFICATION AND COMPLIANCE NOTES: Certificate is renewed every third year.		

## 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

Test results for Reflex: DURABILITY: 100,000 Martindale. PILLING: 3-4 (ISO 1-5). LIGHTFASTNESS: 5-7. FIRE TESTS: BS 5852 part 1 • IMO FTP Code 2010 Part 8 • NF D 60 013 • SN 198 898 5.3 (if FR treated) • UNI 9175 1IM • US Cal. Bull. 117-2013 • ÖNORM B2/Q1 • EN 1021-1/2 • BS 5852 crib 5 (if FR treated). FASTNESS TO RUBBING: 4-5 (Dry) 4-5 (Wet). SEAM SLIPPAGE: 4 mm (warp), 5 mm (weft).

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Kvadrat A/S  
**ADDRESS:** Lundbergsvej 10  
 Ebeltoft Syddjurs 8400, Denmark  
**WEBSITE:** <https://kvadrat.dk/>

**CONTACT NAME:** Johanne Villumsen  
**TITLE:** Project Manager, test & sourcing  
**PHONE:** +45 26703007  
**EMAIL:** [jovi@kvadrat.org](mailto: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**

**Hazard Types**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

**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.*