

CLASSIFICATION: 12 05 13 Fabrics
PRODUCT DESCRIPTION: Re-wool is an upholstery textile used for interior and design.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format <input type="radio"/> Nested Materials Method <input checked="" type="radio"/> Basic Method	Threshold level <input checked="" type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Per OSHA MSDS <input type="radio"/> Other	Residuals/Impurities <input type="radio"/> Considered <input type="radio"/> Partially Considered <input checked="" type="radio"/> Not Considered Explanation(s) provided for Residuals/Impurities? <input checked="" type="radio"/> Yes <input type="radio"/> No	<i>All Substances Above the Threshold Indicated Are:</i> Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>% weight and role provided for all substances.</i> Screened <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No <i>One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.</i> Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>
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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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
RE-WOOL [SHEEPS WOOL NoGS RECYCLED WOOL Not Screened
NYLON 6,6 LT-UNK]

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:
The substances, sheeps wool and recycled wool, cannot be identified through the given tool as it has no CAS RN#. Recycled wool can also not be screened by the given tool because it is not registered through a CAS RN#. The textile complies with REACH and is certified EU Ecolabel.

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
Multi-attribute: EU Ecolabel - Textiles
Management: ISO 14001:2015 Environmental management systems

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified? <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2020-02-20 PUBLISHED DATE: 2020-02-24 EXPIRY DATE: 2023-02-20
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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

RE-WOOL

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/7833>

SHEEPS WOOL

ID: **Not registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-02-20**%: **45.00**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Raw material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Wool cannot be identified by CAS RN# through the given tool 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.

RECYCLED WOOL

ID: **Not Registered**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-02-20**%: **45.00**GS: **Not Screened**RC: **PreC**NANO: **No**ROLE: **Raw material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: The recycled wool is from waste from own production. Recycled wool cannot be identified by CAS RN# through the given tool as it has none.

NYLON 6,6

ID: **32131-17-2**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-02-20**%: **10.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Raw material**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

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**

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2007-06-06** EXPIRY DATE: CERTIFIER OR LAB: **UL Environment**

APPLICABLE FACILITIES: **Building materials, finishes and furnishings.**

CERTIFICATE URL: <https://static.kvadrat.dk/assets/pdf/collection/green-guard-gold/a4/ggg-7833-sgreenguard-certificate.pdf>

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**

CERTIFYING PARTY: **Self-declared** ISSUE DATE: **2007-06-01** EXPIRY DATE: CERTIFIER OR LAB: **none**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL: <https://echa.europa.eu/>

CERTIFICATION AND COMPLIANCE NOTES:

MULTI-ATTRIBUTE**EU Ecolabel - Textiles**

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2019-06-20** EXPIRY DATE: CERTIFIER OR LAB: **Ecolabelling Denmark**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL: <https://static.kvadrat.dk/assets/pdf/collection/environment/a4/e-7833-seu-ecolabel-certificate.pdf>

CERTIFICATION AND COMPLIANCE NOTES: **The EU-Ecolabel's criteria are revised approximately every 4-5 years. If new criteria apply to the textile we will renew the certificate, but else the textile is considered certified always once first obtained the certificate. Therefore no expiry date has been set.**

MANAGEMENT**ISO 14001:2015 Environmental management systems**

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2017-06-16** EXPIRY DATE: CERTIFIER OR LAB: **Alcumus ISOQAR**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Certificate is renewed every third year.**

MANAGEMENT**ISO 9001:2015 Quality management systems**

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2013-10-08** EXPIRY DATE: CERTIFIER OR LAB: **Alcumus ISOQAR**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

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 Re-wool: Abrasion: Approximately 100.000 Martindale rubs, EN ISO 12947. Pilling: Note 4 EN ISO 12945. Seam slippage: Warp: 3.5 mm Weft: 5.0 mm. Lightfastness: Note 5-7 ISO 105-B02. Fastness to rubbing: Dry note 4-5 ISO 105-X12, Wet note 4-5 ISO 105-X12: Absorption: 0.50/Class D (flat), 0.75/Class C (waved) EN ISO 354. Airflow: 258 Pa s/m EN 29053. Flame resistance: AS/NZS 15303., BS 5852 Crib 5 (if FR treated), BS 5852 ignition source 3, BS 5852 part 1, EN 1021-1/2, IMO FTP Code 2010: Part 8, NF D 60 013, UNI 9175 1IM, US Cal. Bull. 117-2013, Önorm B1/Q1.



MANUFACTURER INFORMATION

MANUFACTURER: **Kvadrat A/S**
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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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.