

HPD UNIQUE IDENTIFIER: 20624

CLASSIFICATION: 12 05 13 Fabrics

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

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
 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

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

HERO [SC: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:

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.

One of the substances, sheeps wool, cannot be identified through the given tool as it has no CAS RN#.

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

Management: ISO 9001:2015 Quality management systems

Management: ISO 14001:2015 Environmental management systems

Multi-attribute: EU Ecolabel - Textiles

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: 2020-06-16

PUBLISHED DATE: 2020-06-16

EXPIRY DATE: 2023-06-16



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

HERO

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 for Hero to see further technical specifications: <https://kvadrat.dk/products/1241>

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

HAZARD SCREENING DATE: **2020-06-16**

%: **96.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Textile component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: SCBioMats/2018-02-23

Category: Animal-based materials

Identifier: Wool

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.

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.

NYLON 6,6

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

HAZARD SCREENING DATE: **2020-06-16**

%: **4.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Textile component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority 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.

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2014-09-22** 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-1241-sgreenguard-certificate.pdf>

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

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.**

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.**

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-1241-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.**

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:

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 Hero: Abrasion: Approximately 45.000 Martindale rubs, EN ISO 12947. Pilling: Note 3-4, EN ISO 12945. Lightfastness: Note 5-6, ISO 105-B02. Flame resistance: AS/NZS 3837 class 2, BS 5852 Crib 5 (if FR treated), BS 5852 part 1, DIN 4102 B2, EN 1021-1/2, IMO FTP Code 2010: Part 8, NF D 60 013, NFPA 260, SN 198 898 5.3 (if FR treated), UNI 9175 1IM, US Cal. Bull. 117-2013.



MANUFACTURER INFORMATION

MANUFACTURER: **Kvadrat A/S**

ADDRESS: **Lundbergsvej 10**

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TITLE: **Technical Manager**

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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

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

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.)

NoGS No GreenScreen.

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.