

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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**

**RETTA BY KVADRAT SHADE | POLYESTER FIBERS** NoGS  
**POLYURETHANE DISPERSION** NoGS **PHOSPHONIC ACID, P-METHYL-, BIS((5-ETHYL-2-METHYL-2-OXIDO-1,3,2-DIOXAPHOSPHORINAN-5-YL)METHYL) ESTER** NoGS

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:**

Environmental friendly Blind / Shading fabric based on woven polyester Retta is compliant to REACH, Oeko-tex100 class IV, Greenguard Gold, ISO14001 and RoHS. Retta is PVC-free, phthalate-free, halogen-free, free of bromine based and antimony trioxide based flame retardants, biocides-free.

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  
: OEKO-TEX Standard 100  
: ISO 14001:2004 Environmental 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? <div><input type="radio"/> Yes</div> <div><input checked="" type="radio"/> No</div>	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2024-01-08 PUBLISHED DATE: 2024-01-09 EXPIRY DATE: 2027-01-08
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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)

RETTA BY KVADRAT SHADE

PRODUCT THRESHOLD: 100 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No		
RESIDUALS AND IMPURITIES NOTES: Usual residuals and impurities in polyester yarns and yarn-dyes are not included				
OTHER PRODUCT NOTES:				
POLYESTER FIBERS				ID: 80595-68-2
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-01-08 3:59:06	
%: 95.0000 - 99.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Polyester filament yarns. Residual and impurities were screened using the toxnet database (https://toxnet.nlm.nih.gov ). None were noted.				

POLYURETHANE DISPERSION					ID: 89097-02-9
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-01-08 4:02:59		
%, 1.0000 - 5.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Polyurethane Dispersion. Residual and impurities were screened using the toxnet database (https://toxnet.nlm.nih.gov ). None were noted.					

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>			HAZARD SCREENING DATE: <b>2024-01-08 4:05:43</b>	
%: <b>1.0000 - 5.0000</b>	GreenScreen: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Flame retardant</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Residuals and impurities were screened using the toxnet database. None were noted.				

## 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: 2019-08-26 00:00:00	CERTIFIER OR LAB: ul
APPLICABLE FACILITIES: all	EXPIRY DATE:	
CERTIFICATE URL: <a href="https://spot.ul.com/">https://spot.ul.com/</a>		
CERTIFICATION AND COMPLIANCE NOTES: Certificate 143231-420. This certificate is annually prolonged in August.		
MULTI-ATTRIBUTE		OEKO-TEX Standard 100
CERTIFYING PARTY: Third Party	ISSUE DATE: 2008-03-31 00:00:00	CERTIFIER OR LAB: Hohenstein
APPLICABLE FACILITIES: all	EXPIRY DATE:	
CERTIFICATE URL: <a href="https://www.oeko-tex.com">https://www.oeko-tex.com</a>		
CERTIFICATION AND COMPLIANCE NOTES: OEKO-TEX Standard 100 Class IV Certificate 15.HNL.57853. This certificate is annually prolonged in March.		
MANAGEMENT		ISO 14001:2004 Environmental management systems
CERTIFYING PARTY: Third Party	ISSUE DATE: 2018-02-01 00:00:00	CERTIFIER OR LAB: TUV
APPLICABLE FACILITIES: all	EXPIRY DATE:	Rheinbland
CERTIFICATE URL: <a href="https://www.tuv.com">https://www.tuv.com</a>		
CERTIFICATION AND COMPLIANCE NOTES: This certificate is annually prolonged in February		

## 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.*

INSTALLATION ACCESSORY
MANUFACTURER (OR GENERIC): Kvadrat Shade
HPD URL: <a href="https://www.kvadrat.dk/en/kvadrat-shade">https://www.kvadrat.dk/en/kvadrat-shade</a>
ACCESSORY TYPE: Installation Accessory
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Roller blind hardware

## Section 5: General Notes

Maintenance: Dust can be removed with a soft feather duster or by vacuum-cleaning with a soft brush at the lowest position.

## MANUFACTURER INFORMATION

**MANUFACTURER:** Kvadrat A/S  
**ADDRESS:** Kvadrat High Performance Textiles  
 Kieft 18  
 Eibergen, Gelderland 7151HZ  
**COUNTRY:** Netherlands

**WEBSITE:** <https://www.kvadrat.dk/en/kvadrat-shade>  
**CONTACT NAME:** Robert Kuipers  
**TITLE:** Research, Development & Sustainability  
**PHONE:** +31545463353  
**EMAIL:** [r.kuipers@kvadratshade.com](mailto:r.kuipers@kvadratshade.com)

*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

<b>PreC</b> Pre-consumer recycled content
<b>PostC</b> Post-consumer recycled content
<b>UNK</b> Inclusion of recycled content is unknown
<b>None</b> Does not include recycled content

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

<b>Nested Method / Material Threshold</b> Substances listed within each material per threshold indicated per material
<b>Nested Method / Product Threshold</b> Substances listed within each material per threshold indicated per product
<b>Basic Method / Product Threshold</b> Substances listed individually per threshold indicated per product

<b>Nano</b> Composed of nano scale particles or nanotechnology
<b>Third Party Verified</b> Verification by independent certifier approved by HPDC
<b>Preparer</b> Third party preparer, if not self-prepared by manufacturer
<b>Applicable facilities</b> 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*

