created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 792481760256 CLASSIFICATION: 12 21 00 Window Blinds

PRODUCT DESCRIPTION: Unlit Block Out. Room darkening roller blind fabric. Flame retardant polyester fabric with aluminium backing for reflection of

sunlight and heat retention



Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

C Nested Materials Method

Basic Method

Threshold Disclosed Per

Material

Product

Threshold Level

C 1,000 ppm C Per GHS SDS

Other

Residuals/Impurities Evaluation

Completed

C Partially Completed

Not Completed

Explanation(s) provided:

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Provided weight and role.

Screened

Yes ○ No

Provided screening results using HPDC-approved

methods.

Identified Yes ○ No.

Provided name and CAS RN or other identifier.

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

UNLIT BLOCK OUT [POLYETHYLENE TEREPHTHALATE (PET) LT-P1 ACRYLIC POLYMERS NoGS DECABROMODIPHENYL ETHANE (PRIMARY CASRN IS 84852-53-9) BM-1 | PBT ANTIMONY TRIOXIDE (PRIMARY CASRN IS 1309-64-4) BM-1 | MUL | CAN | SKI | EYE | MAM | AQU POLYURETHANE LT-P1 | MAM | EYE | AQU MELAMINE CYANURATE (PRIMARY CASRN IS 37640-57-6) BM-1 TITANIUM DIOXIDE (PRIMARY CASRN IS 13463-67-7) BM-1 | CAN | END | MAM SULFOSUCCINATE, DISODIUM SALT NoGS ALUMINUM (PRIMARY CASRN IS 7429-90-5) BM-1 | END | MAM | PHY]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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 14001:2004 Environmental management systems

Multi-attribute: OEKO-TEX Standard 100

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2024-07-12 PUBLISHED DATE: 2024-07-12

EXPIRY DATE: 2027-07-12

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

UNLIT BLOCK OUT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Residuals common for polyester fabrics and acrylic textile coatings are not considered.

OTHER PRODUCT NOTES: Website link to see further technical specifications and certifications: www.kvadrat.dk

POLYETHYLENE TEREPHTHALATE (PET)

SUBSTANCE NOTES: Woven fabric of polyester filament yarns

ID: 25038-59-9

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZAF	RD SCREENING DATE: 2024-07-12 7:50:29
%: 30.0000 - 50.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			Nov	warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	N
None found				No listings found on Additional Hazard Lists

ACRYLIC POLYMERS ID: 903501-20-2

HAZARD DATA SOURCE: Ph	naros Chemical and Materials Librar	у	HAZARD S	SCREENING DATE: 2024-07-12 7:50:29
%: 15.0000 - 20.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

DECABROMODIPHENYL ETHANE (PRIMARY CASRN IS 84852-53-

9)

ID: 145054-64-4

HAZARD DATA SOURCE: Pha	aros Chemical and Materials Library		HAZARI	D SCREENING DATE: 2024-07-12 7:50:29
%: 15.0000 - 20.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PBT	OSPAR - Priority PBTs & EDs & concern	equivalent	PBT - Chemical	for Priority Action
PBT	ChemSec - SIN List		,	rsistent, Bioaccumulative, & Toxic / very y Bioaccumulative)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precaution	onary List
			Precautionary li	st of substances recommended for
RESTRICTED LIST	Cradle to Cradle Products Innova (C2CPII)	tion Institute		4.0 Product Standard Restricted (RSL) - Effective July 1, 2022
			Core Restriction	ns
RESTRICTED LIST	International Living Future Institut	e (ILFI)		Challenge 4.0 - Red List of Materials & ective April 1, 2024
			Red List substa V4.0 projects	nces to avoid in Living Building Challenge

ANTIMONY TRIOXIDE (PRIMARY CASRN IS 1309-64-4)

SUBSTANCE NOTES: flame retardant filler in the acrylic binder

ID: 97048-23-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Li	brary	HAZAR	D SCREENING DATE: 2024-07-12 7:50:30
%: 3.0000 - 8.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CAN	CA EPA - Prop 65	Carcinogen
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CAN	IARC	Group 2a - Agent is probably Carcinogenic to humans
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
CAN	GHS - New Zealand	Carcinogenicity category 2
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
MAM	GHS - Japan	H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
AQU	GHS - Korea	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Korea	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Certain Metals
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products

SUBSTANCE NOTES: flame retardant filler in the acrylic binder

POLYURETHANE	ID: 64440-88-6
POLIUNEIRANE	ID. 04440-00

HAZARD DATA SOURCE: P	Pharos Chemical and Materials Librar	у	HAZARD	SCREENING DATE: 2024-07-12 7:50:30
%: 1.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		•	e respiratory irritation [Specific target ngle exposure - Category 3]
EYE	GHS - Japan		H318 - Causes se eye irritation - Cat	erious eye damage [Serious eye damage /
MAM	GHS - Japan		•	e damage to organs [Specific target oxicity following single exposure -
AQU	GHS - Japan		H400 - Very toxic environment (acut	to aquatic life [Hazardous to the aquatic te) - Category 1]
AQU	GHS - Japan		•	to aquatic life with long lasting effects aquatic environment (chronic) -
MAM	GHS - Japan		H330 - Fatal if inh mist) - Category 2	aled [Acute toxicity (inhalation: dust,
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	o listings found on Additional Hazard Lists

MELAMINE CYANURATE (PRIMARY CASRN IS 37640-57-6)

ID: 1609465-60-2

HAZARD DATA SOURCE: P	Pharos Chemical and Materials Library	у	HAZARI	D SCREENING DATE: 2024-07-12 7:50:30
%: 2.0000 - 5.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No w	varnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ı
None found				No listings found on Additional Hazard Lists
SUBSTANCE NOTES: flame	e retardant filler in the acrylic binder			

TITANIUM DIOXIDE (PRIMARY CASRN IS 13463-67-7)

ID: 946525-05-9

HAZARD DATA SOURCE	Pharos Chemical and Materials L	ibrary	HAZARD	SCREENING DATE: 2024-07-12 7:50:30
%: 1.0000 - 3.0000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Opacifier
HAZARD TYPE	LIST NAME AND SOURC	E	WARNINGS	
CAN	US CDC - Occupational C	arcinogens	Occupational Card	cinogen
CAN	CA EPA - Prop 65		Carcinogen - spec	cific to chemical form or exposure route
CAN	IARC		Group 2B - Possib	oly carcinogenic to humans - inhaled sources
CAN	MAK			o 3A - Evidence of carcinogenic effects o establish MAK/BAT value
END	TEDX - Potential Endocrin	e Disruptors	Potential Endocrin	ne Disruptor
CAN	MAK		Carcinogen Group	o 4 - Non-genotoxic carcinogen with low AT levels
CAN	IARC		Group 2b - Possib	oly carcinogenic to humans
CAN	EU - GHS (H-Statements)	Annex 6 Table 3-1	H351 - Suspected Category 2]	of causing cancer [Carcinogenicity -
CAN	GHS - Japan		H351 - Suspected Category 2]	of causing cancer [Carcinogenicity -
MAM	GHS - Japan		repeated exposure	amage to organs through prolonged or e [Specific target organs/systemic toxicity d exposure - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
		Official Floudois
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
		Colorants - Green Circle (Verified Low Concern)

SUBSTANCE NOTES: opacifier in the acrylic binder

SULFOSUCCINATE, DISODIUM SALT

ID: **14933-03-0**

SUBSTANCE ROLE: Blowing agent
nings found on HPD Priority Hazard Lists
listings found on Additional Hazard Lists
I

ALUMINUM (PRIMARY CASRN IS 7429-90-5)

ID: 477951-22-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-07-12 7:50:31	
%: 0.1000 - 0.2000	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Reflectance

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor	
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
PHY	GHS - Japan	H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]	
PHY	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]	
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]	
PHY	GHS - New Zealand	Pyrophoric solids category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
		Biological and Environmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
		Children's Products	

SUBSTANCE NOTES: High purity metallic aluminum coating applied by Physical Vapor Deposition. This high purity aluminium is free of impurities up to 0.01%.

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

ISSUE DATE: 2024-02-01 00:00:00 CERTIFIER OR LAB: UL CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All **EXPIRY DATE:** Environment

CERTIFICATE URL: https://spot.ul.com/

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 APPLICABLE FACILITIES: All

CERTIFICATE URL: https://echa.europa.eu/home

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2018-06-19 00:00:00 CERTIFIER OR LAB: none

EXPIRY DATE:

MANAGEMENT

ISO 14001:2004 Environmental management systems

CERTIFYING PARTY: Third Party ISSUE DATE: 2018-02-01 00:00:00 CERTIFIER OR LAB: Tuv Rheinland APPLICABLE FACILITIES: All **EXPIRY DATE:**

CERTIFICATE URL:

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

MULTI-ATTRIBUTE

OEKO-TEX Standard 100

CERTIFYING PARTY: Third Party ISSUE DATE: 2024-02-01 00:00:00 CERTIFIER OR LAB: Hohenstein **EXPIRY DATE:**

APPLICABLE FACILITIES: All

CERTIFICATE URL: https://www.oeko-tex.com/en/

CERTIFICATION AND COMPLIANCE NOTES: Oekotex standard 100 Class IV. Certificate 15.HNL.57853. Annually prolonged.



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.

HARDWARE FOR ROLLER BLIND

MANUFACTURER (OR GENERIC): Kvadrat Shade

HPD URL: No HPD available

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: The hardware is required for all installations. The hardware consist of different parts and the composition is as described: Cassette profile is 100% aluminum alloy, anodized or powder-coated. End caps are 100% zamak, anodized or powder-coated. Thin plastic line (aka coloured trim) is 100% ABS. Bottom bar is 100% aluminum alloy, anodized or powder-coated. Chain is stainless steel.

Section 5: General Notes

Unlit Block Out is a darkening fabric suitable for roller blind systems. Meets the highest flame retardant standards. The ultra thin reflective aluminium coating reflects the sunlight and lowers the solar heat gain.

MANUFACTURER INFORMATION

MANUFACTURER: Kvadrat A/S

ADDRESS: Kiefte 18
Eibergen, Gelderland 7151HZ
COUNTRY: Netharlands

WEBSITE: https://www.kvadrat.dk/en/kvadrat-shade

CONTACT NAME: Robert Kuipers TITLE: Research & Development

PHONE: +3154546333

EMAIL: 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

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

NoGS No GreenScreen.

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, and Best Practices for Hazard Screening on the HPDC website (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

