

CLASSIFICATION: 12 24 13 Furnishings: Roller Window Shades

PRODUCT DESCRIPTION: "High Environmental Quality" PVC-free roller shade fabric, made from 100% woven fiberglass with water based coating. The fabric is non-flammable, smoke-free, VOC free, halogen free, and polyester free. The fabric is made of glass fibers, a natural and abundant light weight material providing mechanical resistance and dimensional stability. The fabric provides very good glare control: up to 96% of light rays are filtered. GreenScreen Nature is available in 7 colors at 240 (95") cm width.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated?

- Characterized** Yes No
Percent Weight and Role Provided?

- Screened** Yes No
Using Priority Hazard Lists with Results Disclosed?

- Identified** Yes No
Name and Identifier Provided?

Threshold Disclosed Per

- Material
- Product

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

GREENSCREEN® NATURE™ [**FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT** **LT-UNK** **FLAME RETARDANTS** **NoGS** **ETHYLENE VINYL ACETATE POLYMER (EVA)** **LT-UNK** **POLYURETHANE** **NoGS** **TITANIUM DIOXIDE** **LT-1** | **CAN** | **END ORGANIC PIGMENTS** **NoGS**]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

One or more of the substances inventoried were not disclosed by name or identifier due to proprietary compositions from suppliers. Only SDS level disclosure was available.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: UL/GreenGuard Gold Certified
Other: ROHS 2-2011/65/EU Restriction of Hazardous Substances Directive

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-06-12

PUBLISHED DATE: 2018-07-24

EXPIRY DATE: 2021-06-12



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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

GREENSCREEN® NATURE™

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: No evidence of residuals and impurities was identified by any supplier or found in the manufacturing process. Therefore residuals and impurities were not considered.

OTHER PRODUCT NOTES: Mermet offers a range colors using the material covered in this HPD. No alternate suppliers or materials are applicable for this product.

FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT

ID: 65997-17-3

#: 88.0000 - 90.0000 GS: LT-UNK RC: None NANO: No ROLE: Base Cloth

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Continuous filament fibrous glass

FLAME RETARDANTS

ID: Not registered

#: 3.9000 - 4.4000 GS: NoGS RC: None NANO: No ROLE: Flame Retardant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Dispersion mixture of Nitrogen and Phosphorus

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

#: 3.5000 - 4.1000 GS: LT-UNK RC: None NANO: No ROLE: Binding Agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Polyvinyl acetate binding agent

POLYURETHANEID: **Not Registered**

%: 1.6000 - 2.0000	GS: NoGS	RC: None	NANO: No	ROLE: Binder
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Polyurethane binder

TITANIUM DIOXIDEID: **13463-67-7**

%: 0.5000 - 0.8000	GS: LT-1	RC: None	NANO: No	ROLE: Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Titanium dioxide filler. This substance is used exclusively in a water based form with included surfactants to prevent any risk of dust. The titanium dioxide particle size used in this product is on the micrometric scale.

ORGANIC PIGMENTSID: **Not Registered**

%: 0.0100 - 0.0200	GS: NoGS	RC: None	NANO: No	ROLE: Colorant
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Various dry organic pigments

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**

APPLICABLE FACILITIES: **All Facilities**

CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1ea0855b0e82d946a3350?keywords=screen%2Bnature&page_type=Products%20Catalog

ISSUE DATE: **2008-06-03**

EXPIRY DATE: **2019-11-16**

CERTIFIER OR LAB: **GreenGuard**

Environmental Institute

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

ROHS 2-2011/65/EU Restriction of Hazardous Substances Directive

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All Facilities**

CERTIFICATE URL:

ISSUE DATE: **2018-05-16**

EXPIRY DATE:

CERTIFIER OR LAB: **St. Louis Testing Laboratories**

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

"High Environmental Quality" PVC-free roller shade fabric, made from 100% woven fiberglass with water based coating. The fabric is non-flamable, smoke-free, VOC free, halogen free, and polyester free. The fabric is made of glass fibers, a natural and abundant light weight material providing mechanical resistance and dimensional stability. The fabric provides very good glare control: up to 96% of light rays are filtered. GreenScreen Nature is available in 7 colors at 240 (95") cm width. Health hazards and screenings completed by the HPDC Online Builder tool.



MANUFACTURER INFORMATION

MANUFACTURER: **Mermet Corporation**
ADDRESS: **5970 North Main Street**
Cowpens South Carolina 29330, United States
WEBSITE: **www.mermetusa.com**

CONTACT NAME: **Ali Fisher**
TITLE: **Product Manager**
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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.