

HPD UNIQUE IDENTIFIER: 26642

CLASSIFICATION: 12 24 13 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-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.

**Section 1: Summary**

**Basic Method / Product Threshold**

**CONTENT INVENTORY**

|  |  |  |   |
|--|--|--|---|
| <p><b>Inventory Reporting Format</b></p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p> | <p><b>Threshold Level</b></p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p> | <p><b>Residuals/Impurities</b></p> <p><input type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input checked="" type="radio"/> Not Considered</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> | <p><i>All Substances Above the Threshold Indicated Are:</i></p> <p><b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p><b>Screened</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><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></p> <p><b>Identified</b> <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><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></p> |
|--|--|--|---|

**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 AMMONIUM POLYPHOSPHATE BM-3 ETHYLENE VINYL ACETATE POLYMER (EVA) LT-UNK POLYURETHANE Not Screened TITANIUM DIOXIDE LT-1 | CAN | END ORGANIC PIGMENTS Not Screened KATHON 886 (CIT/MIT MIXTURE) LT-P1 | MUL | SKI | AQU | MAM | EYE ]**

Number of Greenscreen BM-4/BM3 contents ... 1

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**

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

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: 2021-11-30

PUBLISHED DATE: 2021-11-30

EXPIRY DATE: 2024-11-30

## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-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: Mernet 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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-30 19:36:00

#: 88.0000 - 90.0000 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: Continuous filament fibrous glass

#### AMMONIUM POLYPHOSPHATE

ID: 68333-79-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-30 19:36:00

#: 3.9000 - 4.4000 GS: BM-3 RC: None NANO: No SUBSTANCE ROLE: Flame retardant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Nitrogen/Phosphorus dispersion mixture

#### ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-11-30 19:36:02

#: 3.5000 - 4.1000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Polyvinyl acetate binding agent

#### POLYURETHANE

ID: Not Registered

|   |                         |  |                 |                               |
|---|-------------------------|--|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                         | HAZARD SCREENING DATE: <b>Not Screened</b> |                 |                               |
| %: <b>1.6000 - 2.0000</b>   | GS: <b>Not Screened</b> | RC: <b>None</b>                            | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Binder</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES  | WARNINGS                                   |                 |                               |
| Hazard Screening not performed  |                         |  |                 |                               |
| SUBSTANCE NOTES: Polyurethane binder                                  |                         |  |                 |                               |

**TITANIUM DIOXIDE**

ID: **13463-67-7**

|   |   |  |                 |                               |
|---|---|--|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>2021-11-30 19:36:03</b>  |                 |                               |
| %: <b>0.5000 - 0.8000</b>   | GS: <b>LT-1</b>                           | RC: <b>None</b>  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES                    | WARNINGS   |                 |                               |
| CAN   | US CDC - Occupational Carcinogens         | Occupational Carcinogen  |                 |                               |
| CAN   | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route   |                 |                               |
| CAN   | IARC                                      | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources                       |                 |                               |
| CAN   | MAK                                       | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |                 |                               |
| END   | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor  |                 |                               |
| CAN   | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                     |                 |                               |
| CAN   | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]                                    |                 |                               |

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 PIGMENTS**

ID: **Not Registered**

|   |                         |  |                 |                                |
|---|-------------------------|--|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                         | HAZARD SCREENING DATE: <b>Not Screened</b> |                 |                                |
| %: <b>0.0100 - 0.0200</b>   | GS: <b>Not Screened</b> | RC: <b>None</b>                            | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES  | WARNINGS                                   |                 |                                |
| Hazard Screening not performed  |                         |  |                 |                                |

SUBSTANCE NOTES: Various dry organic pigments

**KATHON 886 (CIT/MIT MIXTURE)**

ID: **55965-84-9**

|   |                  |   |                 |                               |
|---|------------------|---|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                  | HAZARD SCREENING DATE: <b>2021-11-30 19:36:04</b> |                 |                               |
| %: <b>0.0000 - 0.0100</b>   | GS: <b>LT-P1</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Binder</b> |

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS  |
|-------------|---|---|
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters   |
| SKI         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]  |
| SKI         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                      |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]  |
| EYE         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]   |

SUBSTANCE NOTES: n/a

## 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: 2008-06-03       | EXPIRY DATE: 2021-05-16 | CERTIFIER OR LAB: GreenGuard Environmental Institute |
| APPLICABLE FACILITIES: All Facilities  |                              |                         |  |
| CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5ad1ea0855b0e82d946a3350?keywords=screen%2Bnature&amp;page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5ad1ea0855b0e82d946a3350?keywords=screen%2Bnature&amp;page_type=Products%20Catalog</a> |                              |                         |  |
| CERTIFICATION AND COMPLIANCE NOTES:  |                              |                         |  |

| OTHER                                 | ROHS 2-2011/65/EU Restriction of Hazardous Substances Directive |              |  |
|---------------------------------------|---|--------------|--|
| CERTIFYING PARTY: Third Party         | ISSUE DATE: 2018-05-16  | EXPIRY DATE: | CERTIFIER OR LAB: St. Louis Testing Laboratories |
| APPLICABLE FACILITIES: All Facilities |   |              |  |
| CERTIFICATE URL:                      |   |              |  |
| 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-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. Health hazards and screenings completed by the HPDC Online Builder tool.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Mermet Corporation  
**ADDRESS:** 5970 N Main Street  
 Cowpens South Carolina 29330, United States  
**WEBSITE:** [www.MermetUSA.com](http://www.MermetUSA.com)

**CONTACT NAME:** Nathan Wintermute  
**TITLE:** Product & Testing Engineer  
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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**

|                                       |   |  |
|---------------------------------------|---|--|
| <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-1</b> List Translator 1 (Likely Benchmark-1)   |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> 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.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      |  |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |  |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      | <b>NoGS</b> 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.*