

Name GreenScreen® Evolve™



Product ID 3501 Classification 12 24 13.00 Furnishings: Roller Window Shades

Website www.mermetusa.com

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Description Sustainable window shade fabric, made from recycled water bottles. 100% PVC-free Polyester, of which 89% is post consumer recycled content. Each yard of GreenScreen® Evolve fabric contains 11 recycled bottles.

- Product ID 3501 relates to the 1% openness fabric.
- Product ID 3503 relates to the 3% openness fabric.
- Product ID 3505 relates to the 5% openness fabric.
- Product ID 3510 relates to the 10% openness fabric.

Release Date 2014-11-25  Self-declared  
Expiry Date 2017-11-25  Second Party Certifier  
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/360/1363-20141125084858.pdf>  Third Party Certificate #

## SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure  Measured 100 ppm (ideal)  Measured 1000 ppm  Predicted by process chemistry  As per MSDS (1,000 & 10,000 ppm)  Not disclosed  Other

Full Disclosure of Intentional Ingredients  Yes  No  
Full Disclosure of Known Hazards  Yes  No

Disclosure Notes  
There are no residual components in this product.

## Contents in Descending Order of Quantity

POLYETHYLENE TEREPHTHALATE (PET) (post-consumer recycled) , POLYESTER , Undisclosed (Colorant) , Undisclosed (Phosphorus FR Polyurethane) , Undisclosed (Phosphate FR)

Hazards  PBT (Persistent Bioaccumulative Toxic)  Cancer  Gene Mutation  Development  Reproductive  Endocrine  Respiratory

Highest concern GreenScreen score - no ingredients benchmarked  Neurotoxicity  Mammal  Skin or Eye  Aquatic toxicity  Land toxicity  Physical hazard  Global warming  Ozone depletion  Multiple  Unknown

Total VOC Content  
Material (g/L) N/A Does the product contain exempt VOCs?  N/A  Yes  No  
Regulatory (g/L) N/A Are there VOC-free tints available?  N/A  Yes  No

Notes

## Certifications + Compliance

VOC Emissions GreenGuard - Gold (previously Children & Schools) VOC Content N/A  
Multi-attribute MBDC Cradle to Cradle - Silver (Version 2.1.1)

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit [hpdcollaborative.org](http://hpdcollaborative.org).

## CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at [www.hpdcollaborative.org/hazardlists](http://www.hpdcollaborative.org/hazardlists).

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

| Name  | CAS RN                                  | % weight        | GS | RC | Nano | Role             |
|---|---|-----------------|----|----|------|------------------|
| <b>Hazard A</b>   | <b>Warning A</b>                        |                 |    |    |      |                  |
| <b>Hazard B</b>   | <b>Warning B</b>                        |                 |    |    |      |                  |
| <b>Hazard C</b>   | <b>Warning C</b>                        |                 |    |    |      |                  |
| <b>Hazard D</b>   | <b>Warning D</b>                        |                 |    |    |      |                  |
| <b>Hazard E</b>   | <b>Warning E</b>                        |                 |    |    |      |                  |
| <b>Notes</b>  |   |                 |    |    |      |                  |
| <b>POLYETHYLENE TEREPHTHALATE (PET) (post-consumer recycled)</b>  |   | 68.98 - 76.85 % |    | BO | N    | Base Fabric      |
| None found  | No warnings found on HPD Priority lists |                 |    |    |      |                  |
| Relieve SD Round Textured Polyester   |   |                 |    |    |      |                  |
| <b>POLYESTER</b>  | 113669-95-7                             | 20.9 - 28.77 %  |    | N  | N    | Base Fabric      |
| None found  | No warnings found on HPD Priority lists |                 |    |    |      |                  |
| Semi-dull Rd Textured Poly / Base fabric  |   |                 |    |    |      |                  |
| <b>Undisclosed (Colorant )</b>  | Unknown                                 | 1 %             |    | N  | N    | Colorant         |
| None found  | No warnings found on HPD Priority lists |                 |    |    |      |                  |
| Varied Disperse Colorants   |   |                 |    |    |      |                  |
| <b>Undisclosed (Phosphorus FR Polyurethane)</b>   | Unknown                                 | 0.91 %          |    | U  | U    | Stiffening Agent |
| None found  | No warnings found on HPD Priority lists |                 |    |    |      |                  |
| Stiffening agent and flame retardant. FR property comes from phosphorus containing component that was grafted onto the aliphatic polyurethane. There is no halogenated component involved. This is not a hazardous mixture. |   |                 |    |    |      |                  |
| <b>Undisclosed (Phosphate FR)</b>   | Unknown                                 | 0.39 %          |    | U  | U    | Flame Retardant  |
| None found  | No warnings found on HPD Priority lists |                 |    |    |      |                  |
| Ester Based Cyclic Phosphonate. Not a hazardous mixture.  |   |                 |    |    |      |                  |

**CERTIFICATIONS AND COMPLIANCE**

**Certifying Party** = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

| Type             | Standard or Certification   |            |             | Certifier or Laboratory  |
|------------------|---|------------|-------------|--|
|                  | Certifying Party  | Issue Date | Expiry Date | Certificate URL  |
|                  | Applicable Facilities   |            |             |  |
|                  | Notes   |            |             |  |
| VOC Emissions    | GreenGuard - Gold (previously Children & Schools)   |            |             | GreenGuard Environmental Institute (GEI)   |
|                  | 3rd party independent certification   | 2014-10-01 | 2015-11-01  | <a href="http://productguide.ulenvironment.com/ProductDetail.aspx?productID=63262&amp;includeWords=greenscreen">productguide.ulenvironment.com/ProductDetail.aspx?productID=63262&amp;includeWords=greenscreen</a> |
|                  | All Facilities  |            |             |  |
|                  | Greenguard Gold   |            |             |  |
| VOC Content      | N/A   |            |             |  |
|                  |   |            |             |  |
|                  |   |            |             |  |
|                  |   |            |             |  |
| Recycled Content | Not tested  |            |             |  |
|                  |   |            |             |  |
|                  |   |            |             |  |
|                  |   |            |             |  |
| Multi-attribute  | MBDC Cradle to Cradle - Silver (Version 2.1.1)  |            |             | McDonough Braungart Design Chemistry (MBDC)  |
|                  | 3rd party independent certification   | 2014-06-02 | 2015-06-02  | <a href="http://www.c2ccertified.org/products/scorecard/greenscreen_revive">www.c2ccertified.org/products/scorecard/greenscreen_revive</a>   |
|                  | All Facilities  |            |             |  |
|                  | GreenScreen® Evolve is a 100% recyclable, zero waste translucent fabric offered in 1%, 3%, 5%, and 10% openness. Evolve contains up to 72% Repreve® fibers made from 100% post-industrial and consumer plastic waste. Evolve has a diamond knit pattern for beautiful views, texture and luminosity. It is PVC-free, offered in a 118" width, and it comes in a designer palette of 9 colors. Evolve is made in the USA. The fabric meets fire classifications NFPA 701-10TM#1 and California U.S. Title 19. Evolve is also RoHS and both Greenguard and Greenguard Gold compliant. |            |             |  |

**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

| Required or Recommended Product                                  | URL for Companion Health Product Declaration |
|--|--|
| <b>Condition when required or recommended and/or other notes</b> |  |
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**NOTES**