

Name GreenScreen® Reflect™



Product ID 11305 Classification 12 24 13.00 Furnishings: Roller Window Shades

Website www.mermetusa.com

Manufacturer Mermet Corporation Contact Name Robert Beals
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Description PVC-free metalized roller shade fabric, made from 100% woven fiberglass with water based coating, and ultra-fine coating of aluminum. This high-performance shade fabric reflects up to 72% of solar radiation for heat control, and blocks up to 96% of all visible light for optical comfort. The fabric is non-flamable, smoke-free, VOC free, halogen free, light weight, dimensionally stable, and comes in 7 colors.

Release Date 2015-05-21 Expiry Date 2018-05-21
HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/360/2354-20150521140945.pdf
Certifier Certificate #
Self-declared Second Party Third Party

SUMMARY DISCLOSURE

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

Residuals Disclosure Full Disclosure of Intentional Ingredients Full Disclosure of Known Hazards Disclosure Notes
Measured 100 ppm (ideal) Measured 1000 ppm Predicted by process chemistry As per MSDS (1,000 & 10,000 ppm) Not disclosed Other
Yes No Yes No

Contents in Descending Order of Quantity

GLASS / MINERAL FIBER , Undisclosed (Polyhydroxyether-Polyurethane) , Undisclosed (Nitrogen-Phosphorus) , Undisclosed (Silanol) , Polydimethylsiloxanes , Undisclosed (Organic Pigments) , ALUMINUM

Hazards Highest concern GreenScreen score - List Translator Possible Benchmark 1
PBT (Persistent Bioaccumulative Toxic) Development Reproductive Endocrine Respiratory
Neurotoxicity Mammal Skin or Eye Aquatic toxicity Land toxicity Physical hazard Global warming Ozone depletion Multiple Unknown

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

Notes

Certifications + Compliance

VOC Emissions GreenGuard - Gold (previously Children & Schools) Restriction of Hazardous Substances Directive (ROHS) - ROHS 2-2011/65/EU compliant
VOC Content N/A

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.

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.

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
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
GLASS / MINERAL FIBER	65997-17-3	90.96 %	LT-U	N	N	Base Cloth
None found	No warnings found on HPD Priority lists					
Continuous filament fibrous glass						
Undisclosed (Polyhydroxyether-Polyurethane)	Unknown	7.1 %		N	N	Binder
None found	No warnings found on HPD Priority lists					
Improves stability of glass fibers, extending the lifespan and improving the performance.						
Undisclosed (Nitrogen-Phosphorus)	Unknown	1.63 %		N	N	Fire Retardant
None found	No warnings found on HPD Priority lists					
Dispersion mixture of Nitrogen and Phosphorus.						
Undisclosed (Silanol)	Unknown	0.23 %		N	N	Cross-Linker
None found	No warnings found on HPD Priority lists					
A reactive cross-linker which forms a coating to encapsulate the fiber, generating high thermal insulation, as well as low coefficients of friction between the fibers themselves.						
Polydimethylsiloxanes	63148-62-9	0.05 %	LT-P1	U	U	Anti-foaming agent
PBT	DSL: Persistent, Bioaccumulative and inherently Toxic (PBiT) to humans					
Surfactant and antifoaming agent.						
Undisclosed (Organic Pigments)	Unknown	0.02 %		N	N	Colorant

None found	No warnings found on HPD Priority lists					
Various dry organic pigments.						
ALUMINUM	7429-90-5	0.01 %	LT-P1	N	N	Reflexion
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
FLAMMABLE	EU H-Statements: H228 Flammable solid					
REACTIVE	EU H-Statements: H261 In contact with water releases flammable gases					
Ultra fine layer of aluminum, vacuum bonded to one side fabric.						

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	2008-06-03	2015-11-16	productguide.ulenvironment.com/ProductDetail.aspx?productID=65790&includeWords=mermet reflect
	ALL			
VOC Content	N/A			
Recycled Content	Not tested			
	Restriction of Hazardous Substances Directive (ROHS) - ROHS 2-2011/65/EU compliant			
	Government enforced claim	2015-01-09	2039-12-31	www.rohscompliancedefinition.com/
	ALL			

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
Condition when required or recommended and/or other notes	

NOTES