

Name ThermoVeil® Shadecloth Collection



Product ID 1000 Series (2-3% open); 1300 Series (5% open); 1500 Series (3% open); 2100 Series (10% open); 3000, 3200 & 3300 Series (1-2% open) Classification 12 24 13.00 Furnishings: Roller Window Shades

Website www.mechoshade.com/shadecloth/thermoveil-vertical.php  
www.mechoshade.com/shadecloth/thermoveil.php

Manufacturer MechoSystems, Inc. Contact Name Rachel Berman  
Address 4203 35th Street Title  
Long Island City, New York 11101 Phone 718 729 2020  
Email Rachel.Berman@mechosystems.com

Description ThermoVeil® Dense Vertical Weave

## 1000 Series (2–3% open)

This series, available in a wide range of colors, is a technically advanced, lineally woven fabrication, which is washable, flame retardant, and fade resistant. Not only for office environments, the series' features also contribute toward a healing environment by helping health care patients take advantage of therapeutic natural light and views to the outside.

### ThermoVeil® Reversible Satin/Diamond Weave

## 3000, 3200, and 3300 Series (1–2% open)

These reversible shadecloths feature a textured weave with an alternating predominant color in the warp and fill. The standard 3000 and 3200 shadecloths are in a satin weave, and the 3300 series in a diamond weave. Both series may be ordered in the alternate weave; however, minimums and lead times apply. When ordering, if the face side is to be to the room interior, use the color numbers as shown below. **If the reverse is to face the room interior, use the color number followed by the letter "R".**

### ThermoVeil® Dense Basket Weave

## 1300 Series (5% open), 1500 Series (3% open), 2100 Series (10% open)

This series is composed of a technically advanced material woven in a 2 x 2 basket-weave pattern. Its weave provides a uniform scrim effect at the window wall with an appropriate density for sun control.

Release Date 2016-09-29  
Expiry Date 2019-09-29  
HPD URL <https://builder.hpd-collaborative.org/uploads/files/hpds/339/4518-20160929181512.pdf>

Self-declared  
 Second Party Certifier  
 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

---

**Contents in Descending Order of Quantity**

POLYVINYL CHLORIDE (PVC) , 1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid and 1,4-butanediol , Undisclosed (Flex Agent) , LIMESTONE; CALCIUM CARBONATE , Barium Zinc Complex , Undisclosed (Flame Retardant) , Undisclosed (Antimicrobial)

---

- |  |   |   |  |   |
|--|---|---|--|---|
| <b>Hazards</b>   |   | <b>Highest concern GreenScreen score - List Translator Possible Benchmark 1</b> |  |   |
| <input checked="" type="checkbox"/> PBT (Persistent Bioaccumulative Toxic) | <input checked="" type="checkbox"/> Development | <input type="checkbox"/> Neurotoxicity  | <input type="checkbox"/> Land toxicity   | <input type="checkbox"/> Multiple           |
| <input type="checkbox"/> Cancer  | <input type="checkbox"/> Reproductive           | <input checked="" type="checkbox"/> Mammal                                      | <input type="checkbox"/> Physical hazard | <input checked="" type="checkbox"/> Unknown |
| <input type="checkbox"/> Gene Mutation                                     | <input type="checkbox"/> Endocrine              | <input type="checkbox"/> Skin or Eye  | <input type="checkbox"/> Global warming  |   |
|  | <input checked="" type="checkbox"/> Respiratory | <input checked="" type="checkbox"/> Aquatic toxicity                            | <input type="checkbox"/> Ozone depletion |   |
- 

- |                          |     |  |   |                              |                             |
|--------------------------|-----|--|---|------------------------------|-----------------------------|
| <b>Total VOC Content</b> |     |  |   |                              |                             |
| <b>Material (g/L)</b>    | N/A | <b>Does the product contain exempt VOCs?</b> | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <b>Regulatory (g/L)</b>  | N/A | <b>Are there VOC-free tints available?</b>   | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
- 

**Notes**

---

**Certifications + Compliance**

<b>VOC Emissions</b>	Not tested	<b>VOC Content</b>	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](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
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
<b>POLYVINYL CHLORIDE (PVC)</b>	9002-86-2	35 - 40 %	LT-U	U	Y	Polymer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
<b>1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid and 1,4-butanediol</b>	30580-17-7	18 - 28 %		N	N	Fiber
None found	No warnings found on HPD Priority lists					
<b>Undisclosed (Flex Agent)</b>	Unknown	15 - 25 %	4	N	N	Flex Agent
None found	No warnings found on HPD Priority lists					
Fully encapsulated into yarns						
<b>LIMESTONE; CALCIUM CARBONATE</b>	1317-65-3	6 - 10 %	LT-U	N	N	Filler
None found	No warnings found on HPD Priority lists					
<b>Barium Zinc Complex</b>	Not registered	2.5 - 3.5 %		U	U	Stabilizer
None found	No warnings found on HPD Priority lists					
<b>Undisclosed (Flame Retardant)</b>	Unknown	0.5 - 2 %	LT-P1	N	U	Flame Retardant

MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
Fully encapsulated into yarn						
<b>Undisclosed (Antimicrobial)</b>	Unknown	0.09 - 0.16 %	LT-P1	N	N	antimicrobial
PBT	OR P3: Priority Persistent Pollutant - Tier 1					
DEVELOPMENTAL	G&L Neuro: Developmental neurotoxicant					
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed.					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life					
CHRON AQUATIC	EU H-Statements: H410 - Aquatic Chronic 1 - Very toxic to aquatic life with long lasting effects					
Fully encapsulated into yarns						

**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	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Other				

**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>	

**NOTES**