

Name

Product ID

Website

Manufacturer Address

SheerWeave Vinyl-Coated Polyester Style

N/A

www.phifer.com/suncontrol/interior/product/24/4500-4600

Phifer
P.O. Box 1700
Tuscaloosa, AL 35403

Classification

Contact Name

Title

Phone

Email

12 05 13.00 Furnishings: Fabrics

Bill Strickland

National Market Manager - Sun Control Products

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http://www.phifer.com/contactus



Description

The SheerWeave 4500/4600 Series sustainable sun control fabrics are eco-friendly full basketweaves designed to meet the most stringent environmental design standards. The SheerWeave 4500/4600 series are thinner, lightweight vinyl coted polyester fabrics. Woven in a 2x2 basketweave, the 4500 ad 4600 fabrics are ideal for applications where a more opaque and non-directional fabric is needed.

The SheerWeave 4700 series is a unique 4x2 weave construction, while the SheerWeve 4800 series is woven in a dense plain weave to limit directional visibility while allowing natural light to enter the room.

Release Date

Expiry Date

HPD URL

2015-04-27

2018-04-27

<https://tool.hpdcollaborative.org/uploads/files/hpds/66/3213-20150427131229.pdf>

☐ Second Party

☒ Third Party

All Intentionally Added Ingredients Assessed to 1,000 ppm

Certifier

Certificate # Pilot Third Party Verified - ToxServices LLC

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

No residual content (1,000 ppm and 10,000 ppm) reported for any ingredient present in the final Phifer SheerWeave product formulations.

Contents in Descending Order of Quantity

POLYETHYLENE TEREPHTHALATE (PET) , POLYVINYL CHLORIDE (PVC) , Diisononyl phthalate (DINP-1, mixture of isomers as manufactured) , Unknown , Unknown , EPOXIDIZED SOYBEAN OIL , Unknown , Unknown , 25268-73-9 , Unknown , Unknown , Unknown , Unknown , Unknown , Unknown , Unknown , 71630-97-2 , 9-OCTADECENOIC ACID, OXYBIS(2,1-ETHANEDIYLOXY-2,1-ETHANEDIYL)ESTER

Hazards

☐ PBT (Persistent Bioaccumulative Toxic)

☒ Cancer

☐ Gene Mutation

☒ Development

☒ Reproductive

☒ Endocrine

☒ Respiratory

Highest concern GreenScreen score - List Translator Benchmark 1

☐ 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

☐ Yes

☐ No

☒ N/A

☐ Yes

☐ No

Notes

Certifications + Compliance

VOC Emissions

Not tested

VOC Content

N/A

Health Product Declaration v1.0 - hpdcollaborative.org - Page 1 of 5

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						
POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	69 %	LT-U	U	N	Ester Component
None found	No warnings found on HPD Priority lists					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
POLYVINYL CHLORIDE (PVC)	9002-86-2	18 %	LT-U	U	N	Resin Component
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Diisononyl phthalate (DINP-1, mixture of isomers as manufactured)	68515-48-0	7.5 %	LT-1	PC	N	Plasticizer Component
CANCER	Prop 65: Cancer					
DEVELOPMENTAL	NTP-OHAaT: B-Some evidence of adverse developmental toxicant effects					
ENDOCRINE	SIN: Equivalent concern, including endocrine disruption - Sin List 1.0 (also in TEDX)					
REPRODUCTIVE	EPA Action: Reproductive effects					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						

Unknown	Unknown	3 %	LT-1	U	U	Flame Retardant Component
CANCER	Prop 65: Cancer					
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					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	3 %	LT-1	U	U	Pigment Component
CANCER	NIOSH-C: Occupational carcinogen					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
EPOXIDIZED SOYBEAN OIL	8013-07-8	3 %	LT-U	U	N	Plasticizer Component
None found	No warnings found on HPD Priority lists					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	1.5 %		U	U	Filler Component
Unknown	Not disclosed by supplier					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	1.5 %	LT-1	U	U	Antimicrobial Component
CANCER	EPA-C: (1986) Group B2 - Probable human carcinogen					
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes.					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
ACUTE AQUATIC	EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life / M-Factor of 100000					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
25268-73-9	25268-73-9	0.4 %		U	N	Preperation Component
None found	No warnings found on HPD Priority lists					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	0.3 %		U	U	Stabilizer Component
Unknown	Not disclosed by supplier					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this						

specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	0.3 %		U	U	Accelerator Component
Unknown	Not disclosed by supplier					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	0.3 %		U	U	Stabilizer Component
Unknown	Not disclosed by supplier					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	0.3 %	LT-U	U	U	Stabilizer Component
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	0.3 %		U	U	Stabilizer Component
Unknown	Not disclosed by supplier					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	0.3 %		U	U	Pigment Component
Unknown	Not disclosed by supplier					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
Unknown	Unknown	0.3 %		U	U	Stabilizer Component
Unknown	Not disclosed by supplier					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
71630-97-2	71630-97-2	0.14 %		U	N	Preperation Component
None found	No warnings found on HPD Priority lists					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						
9-OCTADECENOIC ACID, OXYBIS(2,1-ETHANEDIYLOXY-2,1-ETHANEDIYL)ESTER	9005-07-6	0.14 %	LT-U	U	N	Preperation Component
None found	No warnings found on HPD Priority lists					
Maximum % composition ingredient may be present in final product formulation. The human health and/or environmental hazards identified for this specific CAS# may, or may not, be associated with the application of the final SheerWeave product. Please see HPD Notes Section for further details.						

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
Condition when required or recommended and/or other notes	

NOTES

Associated Hazard Notes: The HPD is an Open Standard Format for Chemical Inventory of the Phifer SheerWeave 4500/4550/4650/4700/4800 Series product and does not involve a toxicological risk and exposure assessment of the CAS#s present in the product formulation. The hazards identified with each CAS# may, or may not, be associated with the application of the final SheerWeave 4500/4550/4650/4700/4800 Series product.