

**CLASSIFICATION:** 12 24 3.00 Furnishings: Roller Window Shades

**PRODUCT DESCRIPTION:** The SheerWeave Infinity2 sustainable sun control fabrics are eco-friendly full basketweaves designed to meet the most stringent environmental design standards. Infinity2 fabrics offer the same solar heat and glare control properties as traditional SheerWeave fabrics for conserving energy, harnessing natural light, and maintaining interior comfort levels. The SheerWeave Infinity2 fabric is offered in nine colors: Almond, Cotton, Wheat, Stone, Barley, Nickel, Midnight, Bark, and Slate.

## Section 1: Summary

## Basic Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided  
for Residuals/Impurities?

- Yes  No

Are All Substances Above the Threshold Indicated:

**Characterized**  Yes  No

Percent Weight and Role Provided?

**Screened**  Yes  No

Using Priority Hazard Lists with Results Disclosed?

**Identified**  Yes  No

Name and Identifier Provided?

#### Threshold Disclosed Per

- Material  
 Product

### 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**

**SHEERWEAVE INFINITY2 [ UNDISCLOSED CHEMICAL #1 LT-UNK**  
**POLYPROPYLENE LT-UNK UNDISCLOSED CHEMICAL #2 LT-UNK**  
**UNDISCLOSED CHEMICAL #3 BM-1 | PBT | UNDISCLOSED CHEMICAL #4 BM-**  
**1 | CAN UNDISCLOSED CHEMICAL #5 LT-1 | CAN | END UNDISCLOSED**  
**CHEMICAL #6 LT-P1 | SKI | AQU | MUL UNDISCLOSED CHEMICAL #7 LT-1 |**  
**CAN | UNDISCLOSED CHEMICAL #8 LT-UNK UNDISCLOSED CHEMICAL #9 LT-**  
**UNK UNDISCLOSED CHEMICAL #10 LT-UNK ]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen  
Benchmark or List translator Score ... BM-1

Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

Phifer worked with the the HPDC Approved Preparer, ToxServices, to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes  
 No

PREPARER: ToxServices LLC

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-06-13

PUBLISHED DATE: 2018-07-13

EXPIRY DATE: 2020-06-13



## 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 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### SHEERWEAVE INFINITY2

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Phifer worked with the Approved HPDC Preparer, ToxServices, to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

OTHER PRODUCT NOTES:

#### UNDISCLOSED CHEMICAL #1

ID: **Undisclosed**

%: **45.0000 - 48.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

**\*3rd Party Screened\***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

#### POLYPROPYLENE

ID: **9003-07-0**

%: **17.4800 - 29.2000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### UNDISCLOSED CHEMICAL #2

ID: **Undisclosed**

%: **13.6100 - 20.4100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structure Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

**\*3rd Party Screened\***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

**UNDISCLOSED CHEMICAL #3**

ID: **Undisclosed**

%: **7.1300 - 10.7000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **FR Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**PBT** EHP - San Antonio Statement on BFRs & CFRs Flame retardant substance class of concern for PB&T & long range transport

**PBT** OSPAR - Priority PBTs & EDs & equivalent concern PBT - Substance of Possible Concern (Sections B&C)

**\*3rd Party Screened\***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. For undisclosed chemicals with unknown identities and no known hazards The GreenScreen Benchmark® assessment score of BM-1 was provided through the HPD 2.1 Builder Tool

**UNDISCLOSED CHEMICAL #4**

ID: **Undisclosed**

%: **2.3900 - 3.5000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **FR Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**CANCER** CA EPA - Prop 65 Carcinogen (airborne particles of respirable size - occupational setting)

**\*3rd Party Screened\***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually. The GreenScreen Benchmark® assessment score of BM-1 was provided through the HPD 2.1 Builder Tool

**UNDISCLOSED CHEMICAL #5**

ID: **Undisclosed**

%: **0.5580 - 0.5580** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**CANCER** US CDC - Occupational Carcinogens Occupational Carcinogen

**ENDOCRINE** TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

**\*3rd Party Screened\***

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

**UNDISCLOSED CHEMICAL #6**

ID: **Undisclosed**

%: **0.5100 - 0.7700** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Stabilizer Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**SKIN IRRITATION** EU - GHS (H-Statements) H317 - May cause an allergic skin reaction

**CHRON AQUATIC** EU - GHS (H-Statements) H411 - Toxic to aquatic life with long lasting effects

\*3rd Party Screened\*

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

**UNDISCLOSED CHEMICAL #7**ID: **Undisclosed**

%: **0.5000 - 0.5000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Colorant Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

**CANCER**

US CDC - Occupational Carcinogens

Occupational Carcinogen

**PBT**

US EPA - PPT Chemical Action Plans

PBTs for Expedited Action to Reduce Risks

**CANCER**

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen (respirable size - occupational setting)

\*3rd Party Screened\*

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

**UNDISCLOSED CHEMICAL #8**ID: **Undisclosed**

%: **0.2100 - 0.3100** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Stabilizer Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

\*3rd Party Screened\*

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the 1,000 ppm threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

**UNDISCLOSED CHEMICAL #9**ID: **Undisclosed**

%: **0.1900 - 0.1900** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Additive Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

\*3rd Party Screened\*

SUBSTANCE NOTES: The HPDC Approved Preparer obtained full disclosure down to the [100 ppm/1,000 ppm] threshold for the trade name ingredient containing this chemical. Due to the proprietary nature of the information, the name and CAS number for this chemical have been redacted from this substance entry and the hazards identified via the Pharos List Translator Tool have been entered manually.

**UNDISCLOSED CHEMICAL #10**ID: **Undisclosed**

%: **0.0570 - 0.3000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Additive Component**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SUBSTANCE NOTES: Full disclosure for this proprietary chemical, identified as "non-hazardous", could not be obtained. Therefore, the HPDC Approved Preparer worked with the propriety supplier to identify any hazards that would be associated with the proprietary information by having the supplier themselves run their chemical information through the Pharos Chemical Library and then provided the HPDC Approved Preparer with the hazard information. Per the suppliers proprietary review, four hazards were identified that can be associated with the Undisclosed Chemical #10 (Japan - GHS Category 2B; Danish Advisory List - SkinSens1 & Chronic 1; & CEPA DSL). All four hazards are not required to be listed under this substance entry per the HPD 2.1 Standard.

## 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**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

[https://spot.ul.com/data/spot/api/v1/products/5ad1eb3355b0e82d946a6172/certificates/UL2818G\\_BMS](https://spot.ul.com/data/spot/api/v1/products/5ad1eb3355b0e82d946a6172/certificates/UL2818G_BMS)

ISSUE DATE: EXPIRY DATE: CERTIFIER:

2009-02-02 2019-01-12 UL

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

Phifer worked with the HPDC Approved Preparer, ToxServices, to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 1,000 ppm threshold.

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**MANUFACTURER INFORMATION**

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MANUFACTURER: **Phifer**ADDRESS: **P.O. Box 1700  
Tuscaloosa AL 35403, USA**

WEBSITE:

**www.phifer.com/suncontrol/interior/product/15/infinity2**CONTACT NAME: **Bill Strickland**TITLE: **National Market Manager - Sun Control  
Products**PHONE: **1-800-633-5955**EMAIL: **Bill.Strickland@phifer.com**

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**KEY**

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**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet**Hazard Types****AQU** Aquatic toxicity**CAN** Cancer**DEV** Developmental toxicity**END** Endocrine activity**EYE** Eye irritation/corrosivity**GEN** Gene mutation**GLO** Global warming**MAM** Mammalian/systemic/organ toxicity**MUL** Multiple hazards**NEU** Neurotoxicity**OZO** Ozone depletion**PBT** Persistent Bioaccumulative Toxic**PHY** Physical Hazard (reactive)**REP** Reproductive toxicity**RES** Respiratory sensitization**SKI** Skin sensitization/irritation/corrosivity**LAN** Land Toxicity**NF** Not found on Priority Hazard Lists**GreenScreen (GS)****BM-4** Benchmark 4 (prefer-safer chemical)**BM-3** Benchmark 3 (use but still opportunity for improvement)**BM-2** Benchmark 2 (use but search for safer substitutes)**BM-1** Benchmark 1 (avoid - chemical of high concern)**BM-U** Benchmark Unspecified (insufficient data to benchmark)**LT-P1** List Translator Possible Benchmark 1**LT-1** List Translator Likely Benchmark 1**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)**NoGS** Unknown (no data on List Translator Lists)**Recycled Types****PreC** Preconsumer (Post-Industrial)**PostC** Postconsumer**Both** Both Preconsumer and Postconsumer**Unk** Inclusion of recycled content is unknown**None** Does not include recycled content**Other Terms****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.*