

CLASSIFICATION: 12 24 3.00 FURNISHINGS: ROLLER WINDOW SHADES

PRODUCT DESCRIPTION: SHEERWEAVE PERFORMANCE + TAKES THE PERFORMANCE OF TRADITIONAL SHEERWEAVE STYLES 2390/2410 AND 2500 FABRICS "PLUS" THE HIGHLY REFLECTIVE PROPERTIES OF METALLIZATION AND COMBINES THEM TO ACHIEVE THE ULTIMATE IN SUN CONTROL PROTECTION. BY APPLYING A THIN METALLIZED COATING TO THE OUTWARD SIDE OF PERFORMANCE+ FABRICS, DARK COLORS CAN ACHIEVE SIGNIFICANT SOLAR HEAT REDUCTION COMPARABLE TO WHAT ONLY LIGHT COLORS CAN ACHIEVE IN OTHER FABRICS. THE PERFORMANCE+ METALLIZED SURFACE ALSO IMPROVES GLARE REDUCTION AND OUTWARD VISIBILITY IN LIGHT COLORS. OFFERED IN MULTIPLE OPENNESS FACTORS AND A NON-DIRECTIONAL WEAVE, PERFORMANCE+ MAXIMIZES THE BEST PERFORMANCE FEATURES OF SUN CONTROL IN ONE FABRIC.

 Section 1: Summary

CONTENT INVENTORY

<p>Threshold per material</p> <ul style="list-style-type: none"> <input type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input checked="" type="radio"/> Per OSHA MSDS <input type="radio"/> Other 	<p>Residuals and impurities considered in 1 of 1 materials</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> see Section 2: Material Notes <input checked="" type="radio"/> see Section 5: General Notes 	<p>Based on the selected Content Inventory Threshold:</p> <p>Characterized..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are the Percent Weight and Role provided for all substances?</p> <p>Screened..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are all substances screened using Priority Hazard Lists with results disclosed?</p> <p>Identified..... <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Are all substances disclosed by Name (Specific or Generic) and Identifier?</p>
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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.

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

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

Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

SHEERWEAVE PERFORMANCE + [GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) **LT-UNK** POLYVINYL CHLORIDE (PVC) **LT-UNK** | RES 1,2-BENZENEDICARBOXYLIC ACID, DINONYL ESTER, BRANCHED AND LINEAR **LT-UNK** | MUL | REP UNDISCLOSED **UNK** ANTIMONY TRIOXIDE **BM-1** | MAM | CAN | AQU | MUL BARIUM ZINC COMPLEX **UNK** ALUMINUM **LT-P1** | RES | END | PHY UNDISCLOSED **LT-UNK**]

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: GREENGUARD GOLD
Formaldehyde content: GREENGUARD
Other: RoHS
Other: REACH

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: February 24, 2017	EXPIRY DATE*: February 24, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: June 13, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

SHEERWEAVE PERFORMANCE + %: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: Per OSHA MSDS Residuals Considered: Yes

Material Notes:

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

%: 32.0000 - 42.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Core Yarn

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Fiberglass, continuous filament

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 30.0000 - 40.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polymer

HAZARDS:

RESPIRATORY

AOEC - Asthmagens

AGENCY(IES) WITH WARNINGS:

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

1,2-BENZENEDICARBOXYLIC ACID, DINONYL ESTER, BRANCHED AND LINEAR

ID: 68515-45-7

%: 15.0000 - 18.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Plasticizer

HAZARDS:

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

AGENCY(IES) WITH WARNINGS:

EPA Chemical of Concern - Action Plan published

REPRODUCTIVE

US EPA - PPT Chemical Action Plans

Reproductive effects

SUBSTANCE NOTES:

UNDISCLOSED

%: 4.0000 - 6.0000

GS: UNK

RC: None

NANO: NO

ROLE: Flame Retardant

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ANTIMONY TRIOXIDE

ID: 1309-64-4

%: 1.0000 - 5.0000

GS: BM-1

RC: None

NANO: NO

ROLE: Flame Retardant

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

ACUTE AQUATIC

EU - R-phrases

R51 - Toxic to Aquatic Organisms

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES:

BARIUM ZINC COMPLEX

ID:

%: 1.0000 - 4.0000

GS: UNK

RC: None

NANO: NO

ROLE: Heat Stabilizer

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ALUMINUM

ID: 7429-90-5

%: 0.1000 - 0.5000

GS: LT-P1

RC: None

NANO: NO

ROLE: Reflective Coating

HAZARDS:		AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens	Asthmagens (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES:

UNDISCLOSED

%: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: NO	ROLE: UV Absorber
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HAZARDS:		AGENCY(IES) WITH WARNINGS:
None Found		No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL: ulenvironment

CERTIFICATION AND COMPLIANCE NOTES:

GREENGUARD GOLD

ISSUE DATE: 2007-06-27

EXPIRY DATE: 2017-07-27

CERTIFIER OR LAB: UL

FORMALDEHYDE CONTENT

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES:

CERTIFICATE URL: ulenvironment

CERTIFICATION AND COMPLIANCE NOTES:

GREENGUARD

ISSUE DATE: 2007-06-27

EXPIRY DATE: 2017-07-27

CERTIFIER OR LAB: UL

OTHER

CERTIFYING PARTY: Self-declared

APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: SheerWeave

Performance + is compliant to the restriction of Hazardous Substances

Directive 2011/65/EU

RoHS

ISSUE DATE:

2007-11-23

EXPIRY DATE:

0000-00-00

CERTIFIER OR

LAB:

OTHER

CERTIFYING PARTY: Self-declared

APPLICABLE FACILITIES: All

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: SheerWeave

Performance + is compliant with all REACH regulations

REACH

ISSUE DATE:

2008-06-01

EXPIRY DATE:

0000-00-00

CERTIFIER OR LAB:

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.

MAINTENANCE/CLEANING

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: The metallized coating is fragile and must be handled with utmost care to avoid damage. Do not scrub. Do not use tape solvents or abrasive cleaners which could damage the fabric coating. Clean with a soft damp cloth.

Section 5: General Notes

Performance+ fabrics are woven in a 2x2 basket weave for optimal view through and fabric stability. Offered in 1%, 3% and 5% openness factors, SheerWeave Performance + fabrics are ideal when the maximum performance in solar heat and glare reduction are required while maintaining excellent outward visibility. These fabrics meet the highest levels of flame certification for commercial building projects.



MANUFACTURER INFORMATION

MANUFACTURER: Phifer

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KEY

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

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) **BM-2** Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.