

CLASSIFICATION: 12 24 3.00 FURNISHINGS: ROLLER WINDOW SHADES

PRODUCT DESCRIPTION: SILVERSCREEN: THIS HPD COVERS ALL STYLES AND COLOURS FROM SILVERSCREEN 2% OF - LOW E AND SILVERSCREEN 4% OF - LOW E. ALL THE ASSEMBLY PARTS AND OTHER COMPONENTS NOT MANUFACTURED BY VEROSOL FABRICS ARE EXCLUDED FROM THIS HPD. SILVERSCREEN IS THE BEST PERFORMING SOLAR SCREEN AND THEREFORE THE ULTIMATE SOLUTION FOR SOLAR HEAT AND LIGHT CONTROL FABRIC IN ROLLER BLINDS. DUE TO THE HIGHEST SOLAR REFLECTANCE OF 82% SILVERSCREEN IS AN EXCELLENT SOLUTION TO REDUCE COOLING AND HEATING REQUIREMENTS IN BUILDINGS AND ENERGY SAVINGS. AS THE LOWEST-E ROLLER BLIND FABRIC AVAILABLE IT PROVIDES THE BEST INSULATION PROPERTIES. FOR INDOOR APPLICATION THIS ALL RESULTS IN LOW TOTAL COST OF OWNERSHIP. SILVERSCREEN IS MADE FROM PVC/GLASS 64/36 AND METALLISED ON ONE SIDE. THE WEIGHT OF THE FABRIC IS 400 GRAMS/M2. SILVERSCREEN IS FOR INTERIOR USE ONLY

Section 1: Summary

CONTENT INVENTORY

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

Residuals and impurities considered in 0 of 0 materials

- see Section 2: Material Notes
- see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

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

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... UNK
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

Glass yarn - continuous filaments: 28-40% PVC: 60-72% This PVC does not contain the following substances: - CMR (Directive 67/548/CEE) Group 1, Group 2 (included lead, mercury, cadmium, chromium) - Phthalates : DEHP, DBP, BBP, DOP, DIBP Aluminium (metallic): < 1% Polyurethane (aliphatic): < 1%

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: Greenguard and Greenguard Gold
Formaldehyde content: Öko-Tex 100
Other: RoHS2

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: December 1, 2016	EXPIRY DATE*: December 13, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: December 13, 2016	* 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.



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:
CERTIFICATION AND COMPLIANCE NOTES:

Greenguard and Greenguard Gold

ISSUE DATE: 2016-07-22 EXPIRY DATE: 0000-00-00 CERTIFIER OR LAB: UL Environment

FORMALDEHYDE CONTENT

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES:
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: Öko-Tex 100 is annual test which test several kind of topics like pH, formaldehyde, phenols, odour,

Öko-Tex 100

ISSUE DATE: 2016-02-05 EXPIRY DATE: 2017-04-30 CERTIFIER OR LAB: FI Höhenstein

OTHER

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES:
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: SilverScreen is compliant to the restriction of Hazardous Substances Directive 2011/65/EU (RoHS2)

RoHS2

ISSUE DATE: 2016-03-23 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

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Maintenance: Dust can be removed with a soft feather duster or by vacuum-cleaning with a soft brush at lowest position. When intensive cleaning is required, the coloured side can be cleaned with a wet cloth.



Section 5: General Notes

SilverScreen 2% OF Low-E and SilverScreen 4% OF Low E are also known in the market under the name of Verosol SilverScreen, SilverScreen 202, SilverScreen 205, Metallised interior screen made of PVC coated glass. SilverScreen is the best performing solar screen and the ultimate solution for solar heat and light control: - Highest solar reflectance of 82% provides outstanding heat and light control - Lowest-E fabrics provides excellent insulation properties - Openness factor of 2% and 4% provides clear view through - Excellent solution to reduce cooling and heating requirements in buildings - Energy savings and indoor application result in low total cost of ownership



MANUFACTURER INFORMATION

MANUFACTURER: Verosol

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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.