

**OmniaScreen
by Verosol™**

CLASSIFICATION: 12 24 3.00 FURNISHINGS: ROLLER WINDOW SHADES
 PRODUCT DESCRIPTION: OMNIASCREEN: METALLIZED PVC-COATED POLYESTER FIBER SCREEN FOR ROLLER BLINDS / SHADES. HIGH PERFORMANCE OF SOLAR HEAT GAIN COEFFICIENT, THERMAL INSULATION AND VIEW THROUGH THANKS TO THE REFLECTIVE ALUMINUM COATING. FLAME RETARDANT. PHTALATE-FREE.

**Health Product
Declaration v2.0**

created via: HPDC Online Builder

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

Based on the selected Content Inventory Threshold:

| | | |
|---|----------------------------------|----------------------------------|
| Characterized..... | <input type="radio"/> | <input checked="" type="radio"/> |
| Are the Percent Weight and Role provided for all substances? | Yes | No |
| Screened..... | <input type="radio"/> | <input checked="" 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

OMNIASCREEN BY VEROSOL [PVC RELATED POLYMERS UNK POLYETHYLENE TEREPHTHALATE (PET) LT-UNK DIOCTYL TEREPHTHALATE UNK POLYURETHANE LT-UNK FLAME RETARDANTS, NON-HALOGENATED, NON-ORGANOPHOSPHOROUS UNK ALUMINUM LT-P1 | RES | END | PHY]

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen
 Benchmark or List translator Score..... LT-P1
 Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

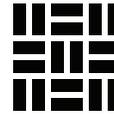
VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

| | | | |
|--|-----------------|--------------------------------|--|
| <input checked="" type="radio"/> Self-Published* | VERIFIER: | SCREENING DATE: March 10, 2017 | EXPIRY DATE*: March 10, 2020 |
| <input type="radio"/> Third Party Verified | VERIFICATION #: | RELEASE DATE: March 10, 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.

OMNIASCREEN BY VEROSOL %: 100.0000 - 100.0000 HPD URL: www.verosol.com

Inventory Threshold: Other Residuals Considered: No

Material Notes:

PVC RELATED POLYMERS

ID:

%: 50.0000 - 70.0000 GS: UNK RC: None NANO: NO ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Yarn coating

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

%: 20.0000 - 30.0000 GS: LT-UNK RC: None NANO: NO ROLE: core of coated yarns

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: polyester yarns

DIOCTYL TEREPHTHALATE

ID: 6422-86-2

%: 2.0000 - 30.0000 GS: UNK RC: None NANO: NO ROLE: Plasicizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

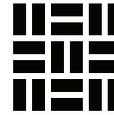
No warnings found on HPD Priority lists

SUBSTANCE NOTES: Non-phtalate plasticizer

POLYURETHANE

ID: 64440-88-6

%: 1.0000 - 5.0000 GS: LT-UNK RC: None NANO: NO ROLE: finishing



| | | | | |
|---|---------------------------------------|---|----------|--------------------------|
| HAZARDS: | | AGENCY(IES) WITH WARNINGS: | | |
| None Found | | No warnings found on HPD Priority lists | | |
| SUBSTANCE NOTES: polyurethane dispersion | | | | |
| FLAME RETARDANTS, NON-HALOGENATED, NON-ORGANOPHOSPHOROUS | | ID: | | |
| %: 1.0000 - 10.0000 | 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: Oekotex 100 approved Flame Retardant | | | | |
| 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 | Asthmagen (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: High purity metallic aluminum coating applied by Physical Vapor Deposition. Adhesion according to ISO 2409 classification 0 (no detachment of coating) | | | | |

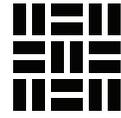
Section 3: Certifications and Compliance

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.

Section 4: Accessories

OMNIASCREEN

VEROSOL HIGH PERFORMANCE FABRICS



TEXTSTYLE

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.

OMNIASCREEN

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 colored side can be cleaned with a wet cloth.



Section 5: General Notes

OmniaScreen distinguishes itself from competitor products: - solar reflectance up to 74% - great value / performance ratio - phthalate-free - clear view-through and robust look and feel - high energy saving potential and visual comfort. - meets the highest fire safety standards



Section 6: References

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.