**PVC Coated Fiberglass Fabric**

by Mermet Corporation

**CLASSIFICATION:** 12 24 13 Furnishings: Roller Window Shades

**PRODUCT DESCRIPTION:** Mermet PVC Coated Fiberglass textiles. This HPD covers all styles of PVC coated fiberglass fabric, both 95-tex and 165-tex yarns. Mermet offers a range of patterns, openness factors, and colors using the material covered in this HPD.

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# Section 1: Summary

## Basic Method / Product Threshold

**CONTENT INVENTORY**

<table>
<thead>
<tr>
<th>Reporting Format</th>
<th>Threshold Disclosed Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
</tr>
</tbody>
</table>

**Threshold level**

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

**Residuals/Impurities**

- Considered
- Partially Considered
- Not Considered

**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?: Yes / No
- Identified: Yes / No
- Name and Identifier Provided?:

**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**

- PVC COATED FIBERGLASS FABRIC (FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT \(\leq 18\%\) BY WEIGHT)
- POLYVINYL CHLORIDE (PVC)
- 1,2-BENZENEDICARBOXYLIC ACID, DINONYL ESTER, BRANCHED AND LINEAR
- BARIUM ZINC COMPLEX
- FLAME RETARDANTS (ANTIMONY TRIOXIDE)

**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:**

One or more of the substances inventoried were not disclosed by name or identifier due to proprietary compositions from suppliers. Only SDS level disclosure was available.

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**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified

Other: ROHS 2-2011/65/EU Restriction of Hazardous Substances Directive

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**CERTIFICATIONS AND COMPLIANCE**

Pre-checked for LEED v4 Material Ingredients, Option 1

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**VERIFIER:**

- SELF-PREPARED: Yes
- VERIFICATION #: 

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**PUBLISHED DATE:** 2018-09-07

**EXPIRY DATE:** 2021-03-12
### PVC COATED FIBERGLASS FABRIC

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** No

**RESIDUALS AND IMPURITIES NOTES:** No evidence of residuals and impurities was identified by any supplier or found in our manufacturing process. Therefore residuals and impurities were not considered.

**OTHER PRODUCT NOTES:** This HPD covers all styles of PVC coated fiberglass fabric, both 95-tex and 165-tex yarns. Mermet offers a range of patterns, openness factors, and colors using the material covered in this HPD which leads to some variation in composition. No alternate supplier or materials are applicable for this product.

### FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18% BY WEIGHT  
**ID:** 65997-17-3

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>36.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Core Yarn</td>
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</tbody>
</table>

**HAZARDS:**  
**AGENCY(IES) WITH WARNING(S):** None Found  
No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Continuous filament fibrous glass

### POLYVINYL CHLORIDE (PVC)  
**ID:** 9002-86-2

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
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<th>ROLE</th>
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</thead>
<tbody>
<tr>
<td>36.0000 - 40.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Polymer</td>
</tr>
</tbody>
</table>

**HAZARDS:**  
**AGENCY(IES) WITH WARNING(S):**  
**RESPIRATORY**  
AOEC - Asthmagens  
Asthmagen (Rs) - sensitizer-induced

**SUBSTANCE NOTES:** Polymer Coating. This HPD covers all styles of PVC coated fiberglass fabric, both 95-tex and 165-tex yarns. Mermet offers a range of patterns, openness factors, and colors using the material covered in this HPD which leads to some variation in the required percentage of this substance in the composition. The PVC is fused in the final PVC coated fiberglass fabric. Any asthmagen health risks that are associated with the raw powder form of the substance are not applicable to this product and are based on contact with the powder form during manufacturing.

### 1,2-BENZENEDICARBOXYLIC ACID, DINONYL ESTER, BRANCHED AND LINEAR  
**ID:** 68515-45-7

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
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<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.0000 - 20.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Plasticizer</td>
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</table>
HAZARDS:

AGENCY(IES) WITH WARNINGS:
None Found
No warnings found on HPD Priority lists

SUBSTANCE NOTES:
This substance is solely composed of Dinonyl Phthalate, also known as L9P. This substance does not contain Diisononyl Phthalate, commonly referred to as DINP. Dinonyl Phthalate (L9P) is not identified as hazardous on any regulatory list (e.g. Prop 65). Mermet offers a range of patterns, openness factors, and colors using the material covered in this HPD which leads to some variation in the required percentage of this substance in the composition.

BARIUM ZINC COMPLEX
ID: Not registered

%: 1.0000 - 3.0000
GS: NoGS
RC: None
NANO: No
ROLE: Heat Stabilizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:
None Found
No warnings found on HPD Priority lists

SUBSTANCE NOTES:
Heat Stabilizer. Mermet offers a range of patterns, openness factors, and colors using the material covered in this HPD which leads to some variation in the required percentage of this substance in the composition. This substances was not disclosed due to proprietary compositions from suppliers. Only SDS level disclosure was available.

FLAME RETARDANTS (ANTIMONY TRIOXIDE)
ID: Not registered

%: 0.9700
GS: NoGS
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 Flame Retardant, CAS #: 1309-64-4. The Antimony Trioxide is bonded with the coating. Any associated health risks are based on contact with the powder form during manufacture of the raw ingredient.
## 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

<table>
<thead>
<tr>
<th>Certifying Party:</th>
<th>Third Party</th>
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<tbody>
<tr>
<td>Applicable Facilities:</td>
<td>All Facilities</td>
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<td>Certificate URL:</td>
<td><a href="https://spot.ul.com/main-app/products/catalog/?keywords=mermet+usa&amp;filter=Manufacturer%2520%252F%2520Brands:Mermet%2520USA">https://spot.ul.com/main-app/products/catalog/?keywords=mermet+usa&amp;filter=Manufacturer%2520%252F%2520Brands:Mermet%2520USA</a></td>
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<tr>
<td>Issue Date:</td>
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<tr>
<td>Expiry Date:</td>
<td>2019-11-16</td>
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<tr>
<td>Certifier or Lab:</td>
<td>GreenGuard Environmental Institute</td>
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### Other

<table>
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<th>Certifying Party:</th>
<th>Third Party</th>
</tr>
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<tbody>
<tr>
<td>Applicable Facilities:</td>
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<td>Certificate URL:</td>
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<td>Issue Date:</td>
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<td>Expiry Date:</td>
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<tr>
<td>Certifier or Lab:</td>
<td>St. Louis Testing Laboratories</td>
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</table>

## 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

Health hazards and screenings completed by the HPDC Online Builder tool. This HPD covers all styles of Mermet PVC coated fiberglass fabric, both 95-tex and 165-tex yarns. Mermet offers a range of weave patterns, openness factors, and colors using the material covered in this HPD.
Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Mermet Corporation
ADDRESS: 5970 North Main Street
Cowpens South Carolina 29330, United States
WEBSITE: www.mermetusa.com

CONTACT NAME: Ali Fisher
TITLE: Product Manager
PHONE: 864-463-5433
EMAIL: ali.fisher@mermetusa.com

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
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
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.