

HPD UNIQUE IDENTIFIER: 21707

CLASSIFICATION: 12 22 00 Curtains and Drapes

PRODUCT DESCRIPTION: F-0233402 is a textile fabric composed of polyester.

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
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Threshold Disclosed Per

- Material
- Product

Explanation(s) provided for Residuals/Impurities?
 Yes No

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
All substances disclosed by Name (Specific or Generic) and Identifier.

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

INVENTORY AND SCREENING NOTES:
Textile fabric composed of polyester.

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

F-0233402 [POLYETHYLENE TEREPHTHALATE (PET) LT-UNK 3-(HYDROXYPHENYLPHOSPHINYL)PROPANOIC ACID LT-UNK | EYE BUTANEDIOIC ACID, 2-((6-OXIDO-6H-DIBENZ(C,E)(1,2)OXAPHOSPHORIN-6-YL)METHYL)-, 1,4-BIS(2-HYDROXYETHYL) ESTER NoGS C.I. DISPERSE ORANGE 30 LT-P1 | PBT LIGNIN, ALKALI, REACTION PRODUCTS WITH DISODIUM SULFITE AND FORMALDEHYDE NoGS 9,10-ANTHRACENEDIONE, 1,8-BIS(PHENYLTHIO)- LT-UNK ANTIMONY TRIOXIDE BM-1 | CAN | MUL]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-09-09

PUBLISHED DATE: 2020-09-11

EXPIRY DATE: 2023-09-09



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 2.2, available on the HPDC website at: www.hpdc-collaborative.org/hpd-2-2-standard

F-0233402

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All residuals/impurities identified are shown below.

OTHER PRODUCT NOTES:

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-09

#: 99.4000 - 99.8000

GS: LT-UNK

RC: PostC

NANO: No

SUBSTANCE ROLE: Textile component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: 55% Post-Consumer Recycled Polyester, 45% FR Polyester

3-(HYDROXYPHENYLPHOSPHINYL)PROPANOIC ACID

ID: 14657-64-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-09

#: 0.0400 - 0.0500

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Flame retardant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

EYE IRRITATION

EU - GHS (H-Statements)

H318 - Causes serious eye damage

SUBSTANCE NOTES: This substance is a component in the FR polyester.

BUTANEDIOIC ACID, 2-((6-OXIDO-6H-DIBENZ(C,E)(1,2)OXAPHOSPHORIN-6-YL)METHYL)-, 1,4-BIS(2-HYDROXYETHYL) ESTER

ID: 63562-34-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-09

#: 0.0400 - 0.0500

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Flame retardant

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: This substance is a component of the FR polyester.

C.I. DISPERSE ORANGE 30

ID: 5261-31-4

| | | | | |
|---|------------------|--|-----------------|----------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-09-09 | | |
| #: 0.0000 - 0.1700 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Dye |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| PBT | EC - CEPA DSL | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms) |

SUBSTANCE NOTES: This substance may be present in the package dye formulation.

LIGNIN, ALKALI, REACTION PRODUCTS WITH DISODIUM SULFITE AND FORMALDEHYDE

ID: 105859-97-0

| | | | | |
|---|-----------------|--|-----------------|----------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-09-09 | | |
| #: 0.0000 - 0.2500 | GS: NoGS | RC: None | NANO: No | SUBSTANCE ROLE: Dye |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: This substance may be present in the package dye formulation.

9,10-ANTHRACENEDIONE, 1,8-BIS(PHENYLTHIO)-

ID: 13676-91-0

| | | | | |
|---|-------------------|--|-----------------|----------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-09-09 | | |
| #: 0.0000 - 0.1250 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Dye |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: This substance may be present in the package dye formulation.

ANTIMONY TRIOXIDE

ID: 1309-64-4

| | | | | |
|---|-----------------|--|-----------------|--|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-09-09 | | |
| #: Impurity/Residual | GS: BM-1 | RC: None | NANO: No | SUBSTANCE ROLE: Impurity/Residual |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--------------------------------|--|
| CANCER | IARC | Group 2b - Possibly carcinogenic to humans |
| CANCER | CA EPA - Prop 65 | Carcinogen |
| CANCER | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| 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 |
| CANCER | GHS - Japan | Carcinogenicity - Category 1B [H350] |

SUBSTANCE NOTES: Trace amount of antimony trioxide may be present at less than 50 ppm.

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

CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE:

CERTIFIER OR LAB: **NA**

APPLICABLE FACILITIES: **Valdese Weavers**

09-09

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **CDPH Standard Method- Not Tested**

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

Antimony trioxide is included as a residual/impurity because it is used in the manufacturing of polyester and a trace amount may be present in the final product. No other residuals/impurities have been identified.



MANUFACTURER INFORMATION

MANUFACTURER: **Valdese Weavers**
 ADDRESS: **1000 Perkins Road SE**
Valdese NC 28690, United States
 WEBSITE: **www.valdeseweavers.com**

CONTACT NAME: **H. Derr Leonhardt II**
 TITLE: **Consultant**
 PHONE: **919-621-5832**
 EMAIL: **lenviron@bellsouth.net**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

| | | |
|---------------------------------------|---|--|
| AQU Aquatic toxicity | LAN Land toxicity | PHY Physical hazard (flammable or reactive) |
| CAN Cancer | MAM Mammalian/systemic/organ toxicity | REP Reproductive |
| DEV Developmental toxicity | MUL Multiple | RES Respiratory sensitization |
| END Endocrine activity | NEU Neurotoxicity | SKI Skin sensitization/irritation/corrosivity |
| EYE Eye irritation/corrosivity | NF Not found on Priority Hazard Lists | UNK Unknown |
| GEN Gene mutation | OZO Ozone depletion | |
| GLO Global warming | PBT Persistent, bioaccumulative, and toxic | |

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| BM-2 Benchmark 2 (use but search for safer substitutes) | NoGS No GreenScreen. |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | |
| BM-U Benchmark Unspecified (due to insufficient data) | |
| LT-P1 List Translator Possible 1 (Possible Benchmark-1) | |

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.