

HPD UNIQUE IDENTIFIER: (to be provided)

CLASSIFICATION: 097200

PRODUCT DESCRIPTION: Xorel is Carnegie's high performance interior textile. Patterns: Awning, Cascade Applique, Circuit, Cirque Couture, Cycle, Dash, Fizzle, Flashback, Flux, Fragment, Fractal, Gamma, Grassland Graphic, Havana, Herringbone, Kaleidoscope, Linen, Medusa, Mesh, Meteor, Monocle, Pixel Graphie, Pixie Embroider, Pop Emboss, Prism, Quarry, Reef, Sanctuary Graphic, Sequence, Sleet, Slide, Spire, Stratton, Switch, Switch Embroidered, Versailles Emboss.

Section 1: Summary

Nested 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

Residuals/Impurities
Considered in 1 of 1 Materials

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

All Substances Above the Threshold Indicated Are:

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

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.

Threshold Disclosed Per

- Material
- Product

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

XOREL NON-BIO [POLYETHYLENE LT-UNK POLYPROPYLENE LT-UNK
ANTIMONY TRIOXIDE BM-1 | CAN | MUL 1,3-PROPANEDIAMINE, N1,N1'-
1,2-ETHANEDIYLBIS-, POLYMER WITH 2,4,6-TRICHLORO-1,3,5-TRIAZINE,
REACTION PRODUCTS WITH N-BUTYL-2,2,6,6-TETRAMETHYL-4-
PIPERIDINAMINE LT-P1 | MUL]

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:

Chemical inventories has been reviewed by 3rd party Certification services.

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: SCS INDOOR ADVANTAGE GOLD
Multi-attribute: CRADLE TO CRADLE SILVER

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: 2020-05-26

PUBLISHED DATE: 2020-05-26

EXPIRY DATE: 2023-05-26



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

XOREL NON-BIO

#: 100.0000 - 100.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: This product has been reviewed by 3rd party testing services and tested at independent testing labs and there are no known impurities.

HPD URL: <http://www.carnegiefabrics.com>

OTHER MATERIAL NOTES: There are no known residuals in this material

POLYETHYLENE

ID: 9002-88-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-26

#: 90.0000 - 94.0000

GS: LT-UNK

RC: None

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: The product does not contain any known impurities as reviewed by our 3rd part certification services.

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-26

#: 1.0000 - 2.0000

GS: LT-UNK

RC: None

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: BASE YARN

ANTIMONY TRIOXIDE

ID: 1309-64-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-05-26

#: 1.0000 - 2.0000

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Flame retardant

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: OPTIONAL FR ADDITIVE ADDED TO POLYMER MASTER BATCH PRIOR TO YARN EXTRUSION

1,3-PROPANEDIAMINE, N1,N1'-1,2-ETHANEDIYLBIS-, POLYMER WITH 2,4,6-TRICHLORO-1,3,5-TRIAZINE, REACTION PRODUCTS WITH N-BUTYL-2,2,6,6-TETRAMETHYL-4-PIPERIDINAMINE

ID: 136504-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-05-26**

#: **0.0000 - 1.0000**

GS: **LT-P1**

RC:

None

NANO:

No

SUBSTANCE ROLE: **Heat or UV stabilizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **UV STABILIZER**

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

SCS INDOOR ADVANTAGE GOLD

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **ALL FACILITIES**

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/CarnegieFabrics_2016_SCS-IAQ-01468_s.pdf

ISSUE DATE:

2019-05-01

EXPIRY

DATE:
2021-04-30

CERTIFIER OR LAB:

Berkeley Analytical

CERTIFICATION AND COMPLIANCE NOTES: Since 1981 the solution for sustainable, performance oriented interiors has been Xorel Fabrics. Unlike vinyls, Xorel is woven from polyethylene and is chlorine and plasticizer free. It is extremely safe in its manufacture, use and disposal. Xorel Fabrics are incredibly durable, easily cleaned, flame retardant and present none of the environmental problems attributed to vinyl by its critics. In fact, Xorel Fabrics are recognized by Greenpeace as a viable alternative to vinyl.

MULTI-ATTRIBUTE

CRADLE TO CRADLE SILVER

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL:

<http://www.c2ccertified.org/products/scorecard/xorel>

ISSUE DATE: **2018-05-07**

EXPIRY DATE: **2020-11-30**

CERTIFIER OR LAB: **CRADLE TO CRADLE**

CERTIFICATION AND COMPLIANCE NOTES:

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.

ADHSIVES

HPD URL:

<http://www.romandecoratingproducts.com/commercial/pastes/pro-880/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

When being used as a wallcovering. This is one of the key brand used for this product

Section 5: General Notes

The substances listed are all added to the master batch and are in no way harmful in the final yarns and fabric.



MANUFACTURER INFORMATION

MANUFACTURER: **carnegie fabrics**
 ADDRESS: **110 N CENTRE AVE**
CARNEGIE FABRICS
ROCKVILLE CENTER New York 11570-3934, United States
 WEBSITE: **http://www.carnegiefabrics.com**

CONTACT NAME: **CHARLES GRIFFIN**
 TITLE: **DIRECTOR of TECHNICAL SERVICES.**
 PHONE: **5163073756**
 EMAIL: **CGRIFFIN@CARNEGIEFABRICS.COM**

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.