

CLASSIFICATION: 12 05 13 Fabrics

created via: HPDC Online Builder

PRODUCT DESCRIPTION: This classic solid upholstery fabric is certified by the international third party Oeko-Tex for human safety. Shedding is a natural characteristic of a wool felted product.

## Section 1: Summary

## Nested Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method
- Basic Method

#### Threshold Disclosed Per

- Material
- Product

#### Threshold level

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

#### Residuals/Impurities

Residuals/Impurities Considered in 0 of 1 Materials

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

**Characterized**  
Percent Weight and Role Provided?  Yes  No

**Screened**  
Using Priority Hazard Lists with Results Disclosed?  Yes  No

**Identified**  
Name and Identifier Provided?  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.

Number of Greenscreen BM-4/BM3 contents..... 1  
 Contents highest concern GreenScreen  
 Benchmark or List translator Score..... LT-1  
 Nanomaterial..... No

#### INVENTORY AND SCREENING NOTES:

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

**FABRIC CONTENTS** [ SHEEPS WOOL NoGS WATER BM-4 SODIUM SULFATE LT-UNK C.I. PIGMENT GREEN 18 LT-UNK C.I. PIGMENT VIOLET 48 LT-1 | RES | CAN | GEN C.I. PIGMENT BLUE 28 LT-1 | RES | CAN | GEN C.I. PIGMENT RED 109 LT-UNK C.I. PIGMENT YELLOW 37 LT-1 | CAN | PBT | AQU ZINC SULFIDE LT-UNK BIOCIDAL COATINGS / BIOCIDAL ADDITIVES (GADSL LIST) NoGS AZOCOLLOURANTS AND AZODYES NoGS BIOCIDES NoGS ANTIMICROBIALS NoGS ]

### 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: UL/GreenGuard Certified  
 Other: OEKO-TEX Standard 100  
 Management: ISO 9001:2008 Quality management systems

#### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
 VERIFIER:  
 VERIFICATION #:

SCREENING DATE: 2017-12-21  
 PUBLISHED DATE: 2017-12-21  
 EXPIRY DATE: 2020-12-21

## 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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### FABRIC CONTENTS

#: 100.0000 - 100.0000

HPD URL:

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities not considered.

OTHER MATERIAL NOTES:

#### SHEEPS WOOL

ID: Not registered

#: 99.0000 - 99.5000

GS: NoGS

RC: None

NANO: No

ROLE: Textile Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### WATER

ID: 7732-18-5

#: 0.5000 - 1.5000

GS: BM-4

RC: None

NANO: No

ROLE: Dyestuff Component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### SODIUM SULFATE

ID: 7757-82-6

#: 0.5000 - 1.5000

GS: LT-UNK

RC: None

NANO: No

ROLE: Dyestuff Component

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### C.I. PIGMENT GREEN 18

ID: 12001-99-9

#: 0.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Dyestuff Pigment

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

SUBSTANCE NOTES:

**C.I. PIGMENT VIOLET 48**

ID: **68608-93-5**

#: **0.0000 - 5.0000**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Dyestuff Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens      Asthmagen (G) - generally accepted
CANCER	MAK      Carcinogen Group 2 - Considered to be carcinogenic for man
RESPIRATORY	MAK      Sensitizing Substance Sah - Danger of airway & skin sensitization
GENE MUTATION	MAK      Germ Cell Mutagen 3a

SUBSTANCE NOTES:

**C.I. PIGMENT BLUE 28**

ID: **1345-16-0**

#: **0.0000 - 5.0000**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **Dyestuff Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
RESPIRATORY	AOEC - Asthmagens      Asthmagen (G) - generally accepted
CANCER	MAK      Carcinogen Group 2 - Considered to be carcinogenic for man
RESPIRATORY	MAK      Sensitizing Substance Sah - Danger of airway & skin sensitization
GENE MUTATION	MAK      Germ Cell Mutagen 3a

SUBSTANCE NOTES:

**C.I. PIGMENT RED 109**

ID: **1345-24-0**

#: **0.0000 - 5.0000**      GS: **LT-UNK**      RC: **None**      NANO: **No**      ROLE: **Dyestuff Pigment**

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

SUBSTANCE NOTES:

**C.I. PIGMENT YELLOW 37**

ID: **68859-25-6**

#: 0.0000 - 5.0000

GS: LT-1

RC: None

NANO: No

ROLE: Dyestuff Pigment

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects

SUBSTANCE NOTES:

### ZINC SULFIDE

ID: 1314-98-3

#: **Impurity/Residual** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

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

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### BIOCIDAL COATINGS / BIOCIDAL ADDITIVES (GADSL LIST)

ID: Not registered

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

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

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### AZOCOLOURANTS AND AZODYES

ID: Not registered

#: **Impurity/Residual** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Impurity/Residual**

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

SUBSTANCE NOTES: Imported from Pharos process chemistry research

### BIOCIDES

ID: Not registered

Role: **Impurity/Residual**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**ANTIMICROBIALS**

ID: **Not registered**

Role: **Impurity/Residual**

GS: **NoGS**

RC: **UNK**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Imported from Pharos process chemistry research

**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**

**UL/GreenGuard Certified**

CERTIFYING PARTY: **Third Party**  
APPLICABLE FACILITIES: **All**  
CERTIFICATE URL:

ISSUE DATE: **2003-04-30**  
EXPIRY DATE: **2018-10-29**  
CERTIFIER OR LAB: **UL Environment Inc.**

CERTIFICATION AND COMPLIANCE NOTES: **Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1 in an Open Plan Office environment. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1. UL**

**OTHER**

**OEKO-TEX Standard 100**

CERTIFYING PARTY: **Second Party**  
APPLICABLE FACILITIES: **N/A**  
CERTIFICATE URL:

ISSUE DATE: **2017-12-07**  
EXPIRY DATE: **2018-08-31**  
CERTIFIER OR LAB: **None**

CERTIFICATION AND COMPLIANCE NOTES:

**MANAGEMENT**

**ISO 9001:2008 Quality management systems**

CERTIFYING PARTY: **Third Party**  
APPLICABLE FACILITIES: **N/A**  
CERTIFICATE URL:

ISSUE DATE: **2006-05-21**  
EXPIRY DATE: **2018-03-08**  
CERTIFIER OR LAB: **SGS**

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.

No accessories are required for this product.

## Section 5: General Notes

Textile warehousing and shipping from KnollTextiles, LUBIN Building, East Greenville, Pennsylvania facility. The East Greenville Pennsylvania textile warehouse and shipping, furniture manufacturing and commercial interiors facility is LEED Existing Building Gold Certified. This facility is also ISO 14001 and ISO 9001 Certified. Textiles can be purchased without finishes as a custom order to meet specific environmental standards, however, it may not comply with some contract market standards. Prior evaluation and approval is required by KnollTextiles. Confidentiality Notice: This data is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged, confidential and exempt from disclosure under applicable law. Information has been provided by the supplier to the best of their knowledge at time of completion.

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **KnollTextiles**

ADDRESS: **1235 Water Street**

**East Greenville Pennsylvania 18041, United States**

WEBSITE: **<https://www.knoll.com/shop/knolltextiles>**

CONTACT NAME: **KnollTextiles**

TITLE: **N/A**

PHONE: **866-565-5858**

EMAIL: **textiles\_orders@knoll.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

**PBT** Persistent Bioaccumulative Toxic

**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)

**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)  
**BM-1** Benchmark 1 (avoid - chemical of high concern)  
**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**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

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*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.*