

Stretch Appeal K2188 by KnollTextiles

Health Product Declaration v2.1

CLASSIFICATION: 12 05 13 Fabrics

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Stretch Appeal is a 4 way stretch upholstery. The unique weave construction combined with elastin content allows the width to expand from 49" (relaxed) to 54" (stretched). Stretch Appeal is a great solution for curvy and organic shaped furniture pieces. It is an appealing combination of natural materials plus elastin. The 10 colors are inspired by various hues found in our archives.

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

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

FABRIC CONTENTS [SHEEPS WOOL NoGS MOHAIR NoGS ELASTAN
UNDISCLOSED LT-P1 | SKI UNDISCLOSED LT-1 | RES | MUL | CAN | GEN
UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-UNK UNDISCLOSED LT-
UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | MUL UNDISCLOSED
NoGS UNDISCLOSED UNDISCLOSED UNDISCLOSED UNDISCLOSED LT-
UNK | SKI | RES UNDISCLOSED BM-4 UNDISCLOSED LT-UNK]

INVENTORY AND SCREENING NOTES:

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
Management: ISO 9001:2008 Quality management systems
Management: ISO 14001:2004 Environmental management systems

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-01-02
PUBLISHED DATE: 2018-01-02
EXPIRY DATE: 2021-01-02

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

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

#: 75.0000 - 78.0000

GS: NoGS

RC: None

NANO: No

ROLE: Base Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

MOHAIR

ID: Not registered

#: 17.0000 - 20.0000

GS: NoGS

RC: None

NANO: No

ROLE: Base Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ELASTAN

ID: Undisclosed

#: 1.5000 - 2.5000

GS:

RC: None

NANO: No

ROLE: Base Fiber

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

UNDISCLOSED

#: 0.0100 - 2.0000

GS: LT-P1

RC: None

NANO: No

ROLE: See below

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: To transfer the desired color from dye solution onto the yarn.

UNDISCLOSED

#: **0.0100 - 2.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **See below**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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: To transfer the desired color from dye solution onto the yarn.

UNDISCLOSED

#: **0.0100 - 2.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **See below**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: To transfer the desired color from dye solution onto the yarn.

UNDISCLOSED

#: **0.0100 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **See below**

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

SUBSTANCE NOTES: To transfer the desired color from dye solution onto the yarn.

UNDISCLOSED

#: **0.0100 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **See below**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
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None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: To transfer the desired color from dye solution onto the yarn.

UNDISCLOSED

#: **0.0100 - 2.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: To transfer the desired color from dye solution onto the yarn.

UNDISCLOSED

#: **0.0100 - 2.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: Penetration to allow for better dye absorption.

UNDISCLOSED

#: **0.0100 - 2.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Penetration to allow for better dye absorption.

UNDISCLOSED

#: **0.0100 - 1.0000**

GS:

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Equalizing solution to ensure even dying.

UNDISCLOSED

#: **0.0100 - 1.0000**

GS:

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Equalizing solution to ensure even dying.

UNDISCLOSED

#: **0.0100 - 1.0000**

GS:

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Equalizing solution to ensure even dying.

UNDISCLOSED

#: **0.0100 - 2.5000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION

EU - R-phrases

R35 - Causes severe burns

RESPIRATORY

AOEC - Asthmagens

Asthmagens (Rr&Rs) - irritant-induced & sensitizer-induced

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: Regulate pH level.

UNDISCLOSED

#: **0.0100 - 2.5000**

GS: **BM-4**

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Regulate pH level.

UNDISCLOSED

#: **0.0100 - 2.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **See below**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Buffer to ensure a stable pH level.

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	ISSUE DATE: 2017-08-01	EXPIRY DATE: 2018-10-29	CERTIFIER OR LAB: UL Environment Inc.
APPLICABLE FACILITIES: All			
CERTIFICATE URL:			

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. Seating products are modeled in the seating environment with a ventilation rate of 24.8 m³/hour. Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.

MANAGEMENT

ISO 9001:2008 Quality management systems

CERTIFYING PARTY: Third Party	ISSUE DATE: 1998-11-12	EXPIRY DATE: 2020-03-24	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: N/A			
CERTIFICATE URL:			

CERTIFICATION AND COMPLIANCE NOTES:

MANAGEMENT

ISO 14001:2004 Environmental management systems

CERTIFYING PARTY: Third Party	ISSUE DATE: 2002-03-24	EXPIRY DATE: 2020-03-27	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: N/A			
CERTIFICATE URL:			

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 PA 18041, USA**

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	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)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.