

HPD UNIQUE IDENTIFIER: 25268

CLASSIFICATION: 09 72 19 Textile Wall Coverings

PRODUCT DESCRIPTION: Wool Design Felt offered in an über-thick 5mm thickness provides a sturdier felt for product, furniture, vertical applications, and is well-suited for floor coverings. This nonwoven textile is naturally moisture-resistant, durable, renewable, and just plain gorgeous — perfect for a variety of applications!

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>All Substances Above the Threshold Indicated Are:</i>
<input type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	<i>% weight and role provided for all substances.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input checked="" type="radio"/> Not Considered	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided for Residuals/Impurities?	<i>All substances screened using Priority Hazard Lists with results disclosed.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No
			<i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>

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

5MM WOOL DESIGN FELT | SHEEPS WOOL NoGS
BENZENESULFONIC ACID, 4-[[5-METHOXY-4-[[4-METHOXYPHENYL]AZO]-2-METHYLPHENYL]AZO]-, SODIUM SALT LT-UNK C.I. ACID
GREEN 16 LT-P1 **2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID, SODIUM SALT** LT-UNK
2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID, SODIUM SALT LT-UNK
BENZENESULFONIC ACID, 3-[[4-[[2-ETHOXY-5-METHYLPHENYL]AZO]-1-NAPHTHALENYL]AZO]-, SODIUM SALT LT-UNK
SODIUM LAURYL SULFATE LT-P1 | MUL 1,3-NAPHTHALENEDISULFONIC ACID, 7-HYDROXY-8-[[4-[1-[4-[[4-HYDROXYPHENYL]AZO]PHENYL]CYCLOHEXYL]PHENYL]AZO]-, DISODIUM SALT
2-NAPHTHALENESULFONIC ACID, 6-AMINO-4-HYDROXY-5-[[2-(TRIFLUOROMETHYL)PHENYL]AZO]-, MONOSODIUM SALT LT-UNK
BENZENESULFONIC ACID, [(9,10-DIHYDRO-9,10-DIOXO- 1,4-ANTHRACENEDIYL)BIS[IMINO[3-(2-METHYLPROPYL)-3 ,1-PROPANEDIYL]]]BIS-, DISODIUM SALT LT-P1

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:

10 colorways are undyed (0% dye) sheep's wool and 53 colorways require a mix of dyes. Maximum content of all dyes combined is 1%. Through the quality control check, material is reviewed to determine impurities. Material containing impurities is removed and returned to the mill for redye

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
 Multi-attribute: GreenTag 3.1 - Gold - GreenRate Level B
 Other: OEKO-TEX Standard 100

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-07-06

PUBLISHED DATE: 2021-07-06

EXPIRY DATE: 2024-07-06

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.hpd-collaborative.org/hpd-2-2-standard

5MM WOOL DESIGN FELT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Through the quality control check, material is reviewed to determine impurities. Material containing impurities is removed and returned to the mill for redye

OTHER PRODUCT NOTES: 10 colorways are undyed (0% dye) sheep's wool and 53 colorways require a mix of dyes. Maximum content of all dyes combined is 1%.

SHEEPS WOOL

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-07-06 16:32:21

#: 99.0000 - 100.0000 GS: NoGS 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

BENZENESULFONIC ACID, 4-[[5-METHOXY-4-[[4-METHOXYPHENYL) AZO]-2-METHYLPHENYL]AZO]-, SODIUM SALT

ID: 68555-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-07-06 16:32:22

#: 0.0000 - 1.0000 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

C.I. ACID GREEN 16

ID: 12768-78-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-07-06 16:32:22

#: 0.0000 - 1.0000 GS: LT-P1 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

**2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID,
SODIUM SALT**

ID: 137-20-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-06 16:32:22**

#: **0.0000 - 1.0000** 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

**2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID,
SODIUM SALT**

ID: 137-20-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-06 16:32:23**

#: **0.0000 - 1.0000** 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

**BENZENESULFONIC ACID, 3-[[4-[(2-ETHOXY-5-METHYLPHENYL) AZO]-
1-NAPHTHALENYL]AZO]-, SODIUM SALT**

ID: 68959-00-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-06 16:32:23**

#: **0.0000 - 1.0000** 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

SODIUM LAURYL SULFATE

ID: 151-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-06 16:32:24**

#: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dye**

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

SUBSTANCE NOTES: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

1,3-NAPHTHALENEDISULFONIC ACID, 7-HYDROXY-8-[[4-[1-[4-[[4-HYDROXYPHENYL)AZO]PHENYL]CYCLOHEXYL]PHENYL]AZO]-, DISODIUM SALT

ID: 6507-77-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-06 16:32:24**

#: **0.0000 - 1.0000** 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

2-NAPHTHALENESULFONIC ACID, 6-AMINO-4-HYDROXY-5-[[2-(TRIFLUOROMETHYL)PHENYL]AZO]-, MONOSODIUM SALT

ID: 67786-14-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-06 16:32:25**

#: **0.0000 - 1.0000** 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: Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

BENZENESULFONIC ACID, [(9,10-DIHYDRO-9,10-DIOXO- 1,4-ANTHRACENEDIYL)BIS[[IMINO[3-(2-METHYLPROPYL)-3,1-PROPANEDIYL]]]BIS-, DISODIUM SALT

ID: 72749-90-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-06 16:32:25**

#: **0.0000 - 1.0000** GS: **LT-P1** 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: Some colorways are undyed (0%) sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

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: Third Party APPLICABLE FACILITIES: Spinneybeck FilzFelt CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2001-10-20	EXPIRY DATE:	CERTIFIER OR LAB: Berkeley Analytic
MULTI-ATTRIBUTE	GreenTag 3.1 - Gold - GreenRate Level B		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Spinneybeck FilzFelt CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2016-12-26	EXPIRY DATE: 2017-12-26	CERTIFIER OR LAB: Global GreenTag Pty Ltd.
OTHER	OEKO-TEX Standard 100		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: Spinneybeck FilzFelt CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2016-09-30	EXPIRY DATE:	CERTIFIER OR LAB: Oeko Tex Zertifizierungsstelle GmbH

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

Through the quality control check, material is reviewed to determine impurities. Material containing impurities is removed and returned to the mill for redye

10 colorways are undyed (0% dye) sheep's wool and 53 colorways require a mix of dyes. Maximum content of all dyes combined is 1%.

MANUFACTURER INFORMATION

MANUFACTURER: Spinneybeck | FilzFelt
ADDRESS: 425 Crosspoint Parkway
 Getzville NY 14068, United States
WEBSITE: www.filzfelt.com

CONTACT NAME: Peter A Harenda
TITLE: Product Testing Coordinator
PHONE: 7164462358
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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)	
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)	NoGS No GreenScreen.

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.