

CLASSIFICATION: 09 72 19.00 Finishes: Wall Coverings - Textile Wall Coverings

created via: HPDC Online Builder

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

- 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

- Considered
 - Partially Considered
 - Not Considered
- Explanation(s) provided for Residuals/Impurities?
- Yes No

Are All Substances Above the Threshold Indicated:

- Characterized** Yes No
Percent Weight and Role Provided?
- Screened** Yes No
Using Priority Hazard Lists with Results Disclosed?
- Identified** Yes No
Name and Identifier Provided?

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..... LT-P1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

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

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

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

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: 2017-11-01

PUBLISHED DATE: 2017-11-01

EXPIRY DATE: 2020-11-01

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

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 (SHEEPS WOOL)

ID: **Not registered**

#: **99.0000 - 100.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Base Material**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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 (BENZENESULFONIC ACID, 4-[[5-METHOXY-4-[(4-METHOXYPHENYL) AZO]-2-METHYLPHENYL]AZO]-, SODIUM SALT)

ID: **68555-86-2**

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye for textile finishing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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 (C.I. ACID GREEN 16)

ID: **12768-78-4**

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye for textile finishing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye for textile finishing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Dye for textile finishing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: **0.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Dye for textile finishing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: **0.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Dye for textile finishing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: **0.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Dye for textile finishing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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 (BENZENESULFONIC ACID, 3-[[4-[(2-ETHOXY-5-METHYLPHENYL) AZO]-1-NAPHTHALENYL]AZO]-, SODIUM SALT)

ID: 68959-00-2

#: 0.0000 - 1.0000

GS: LT-UNK

RC: None NANO: No ROLE: Dye for textile finishing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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)DIIMINO]BIS[ETHYLMETHYL-, DISODIUM SALT (BENZENESULFONIC ACID, [(9,10-DIHYDRO-9,10-DIOXO- 1,4-ANTHRACENEDIYL)DIIMINO]BIS[ETHYLMETHYL-, DISODIUM SALT)

ID: 83027-61-6

#: 0.0000 - 1.0000

GS: LT-UNK

RC: None NANO: No ROLE: Dye for textile finishing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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

#: 0.0000

GS: LT-P1

RC: None NANO: No ROLE: Dye for textile finishing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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 (SODIUM LAURYL SULFATE)

ID: 151-21-3

#: 0.0000 - 1.0000

GS: LT-P1

RC: None NANO: No ROLE: Dye for textile finishing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

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

ID: 6507-77-3

%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Dye for textile finishing
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HAZARDS: None Found	AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists
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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 (2-NAPHTHALENESULFONIC ACID, 6-AMINO-4-HYDROXY-5-[[2-(TRIFLUOROMETHYL)PHENYL]AZO]-, MONOSODIUM SALT)

ID: 67786-14-5

%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Dye for textile finishing
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HAZARDS: None Found	AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists
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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

%: 0.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Dye for textile finishing
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HAZARDS: None Found	AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists
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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

%: 0.0000 - 1.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Dye for textile finishing
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HAZARDS: None Found	AGENCY(IES) WITH WARNINGS: No warnings found on HPD Priority lists
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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.

MULTI-ATTRIBUTE	GreenTag 3.1 - Gold - GreenRate Level B		
CERTIFYING PARTY: Third Party	ISSUE DATE:2016-12-26	EXPIRY DATE: 2017-12-26	CERTIFIER OR LAB: Global GreenTag Pty Ltd.
APPLICABLE FACILITIES: Spinneybeck FilzFelt			
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			

OTHER	OEKO-TEX Standard 100		
CERTIFYING PARTY: Second Party	ISSUE DATE:2016-09-30	EXPIRY DATE:	CERTIFIER OR LAB: Oeko Tex Zertifizierungsstelle GmbH
APPLICABLE FACILITIES: Spinneybeck FilzFelt			
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

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%.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Spinneybeck | FilzFelt

CONTACT NAME: Peter A Harenda

ADDRESS: 425 Crosspoint Parkway

Getzville NY 14068, United States

WEBSITE: www.filzfelt.com

TITLE: Product Testing Coordinator

PHONE: 7164462358

EMAIL: pharenda@spinneybeck.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.