

CLASSIFICATION: 09 72 19 Wall Coverings - Textile Wall Coverings

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Our 2mm Wool Design Felt is ideal for drapery, wrapped panels, + tackboards, lifestyle, and home goods. This nonwoven textile is naturally moisture-resistant, durable, renewable, and just plain gorgeous—perfect for a variety of applications!

Section 1: Summary

Nested Method / Material 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 1 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.

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

2MM WOOL DESIGN FELT [ SHEEPS WOOL (SHEEPS WOOL) **NoGS** 2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID, SODIUM SALT (2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID, SODIUM SALT) **LT-UNK** 2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID, SODIUM SALT (2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID, SODIUM SALT) **LT-UNK** 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, 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** 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 ]

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:

Some colorways are undyed (0% dye) sheep's wool and dyed colorways require a maximum content of all dyes combined is 1%

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

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

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-01-30

PUBLISHED DATE: 2018-01-30

EXPIRY DATE: 2021-01-30

## 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)

### 2MM WOOL DESIGN FELT    %: 99.0000 - 100.0000    HPD URL: <https://builder-2.hpd-collaborative.org/records/4600>

MATERIAL THRESHOLD: Other    RESIDUALS AND IMPURITIES CONSIDERED: Yes

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 MATERIAL NOTES: Some colorways are 100% undyed sheep's wool and others 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%.

#### 2-(METHYL(1-OXO-9-OCTADECENYL)AMINO)ETHANESULFONIC ACID, SODIUM SALT (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 (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%.

**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

HAZARDS: None Found AGENCY(IES) WITH WARNINGS: 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-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

HAZARDS: None Found AGENCY(IES) WITH WARNINGS: 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: None Found AGENCY(IES) WITH WARNINGS: 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: None Found AGENCY(IES) WITH WARNINGS: 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]-,**

ID: 68959-00-2

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

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

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

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

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

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%.

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.

| OTHER  | OEKO-TEX Standard 100         |                                |                               |
|--|-------------------------------|--------------------------------|-------------------------------|
| CERTIFYING PARTY: <b>Second Party</b>                | ISSUE DATE: <b>2016-11-22</b> | EXPIRY DATE: <b>2017-09-30</b> | CERTIFIER OR LAB: <b>None</b> |
| APPLICABLE FACILITIES: <b>Spinneybeck   FilzFelt</b> |                               |                                |                               |
| CERTIFICATE URL:                                     |                               |                                |                               |
| CERTIFICATION AND COMPLIANCE NOTES:                  |                               |                                |                               |

| MULTI-ATTRIBUTE   | GreenTag 3.1 - Gold - GreenRate Level B |                                |  |
|---|---|--------------------------------|--|
| CERTIFYING PARTY: <b>Third Party</b>  | ISSUE DATE: <b>2016-12-26</b>           | EXPIRY DATE: <b>2017-12-26</b> | CERTIFIER OR LAB: <b>Global GreenTag Pty Ltd</b> |
| APPLICABLE FACILITIES: <b>Spinneybeck   FilzFelt</b>  |   |                                |  |
| CERTIFICATE URL:<br><a href="https://www.filzfelt.com/index.php?/shop/product/5mm-wool-design-felt">https://www.filzfelt.com/index.php?/shop/product/5mm-wool-design-felt</a> |   |                                |  |
| 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

Wool felt is a natural material and color variation and inclusions of natural fiber on the surface are evidence of the 100% natural origin of the material. Product color is only indicative, as it is not possible to assure consistency of color in a natural product due to the natural color of raw wool and absorption of dyes. Color matching cannot be guaranteed on shipments and variation will be more pronounced beyond the normal commercial range.

## Section 6: References

### MANUFACTURER INFORMATION

|   |  |
|---|--|
| MANUFACTURER: <b>Spinneybeck   FilzFelt</b>                                       | CONTACT NAME: <b>Peter A. Harenda</b>  |
| ADDRESS: <b>425 CrossPoint Parkway<br/>Getzville New York 14068, USA</b>          | TITLE: <b>Product Testing Coordinator</b>  |
| WEBSITE: <b><a href="https://www.filzfelt.com/">https://www.filzfelt.com/</a></b> | PHONE: <b>716.446.2358</b>   |
|   | EMAIL: <b><a href="mailto:pharenda@spinneybeck.com">pharenda@spinneybeck.com</a></b> |

## KEY

|                  |  |
|------------------|--|
| <b>OSHA MSDS</b> | Occupational Safety and Health Administration Material Safety Data Sheet                 |
| <b>GHS SDS</b>   | Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet |

## Hazard Types

|                                       |  |  |
|---------------------------------------|--|--|
| <b>AQU</b> Aquatic toxicity           | <b>GLO</b> Global warming                    | <b>PHY</b> Physical Hazard (reactive)                |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity | <b>REP</b> Reproductive toxicity                     |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple hazards                  | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                     | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>OZO</b> Ozone depletion                   | <b>LAN</b> Land Toxicity                             |
| <b>GEN</b> Gene mutation              | <b>PBT</b> Persistent Bioaccumulative Toxic  | <b>NF</b> Not found on Priority Hazard Lists         |

## GreenScreen (GS)

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible Benchmark 1  |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator Likely Benchmark 1   |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> Unknown (no data on List Translator Lists)   |
| <b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)  |  |

## Recycled Types

|   |
|---|
| <b>PreC</b> Preconsumer (Post-Industrial)           |
| <b>PostC</b> Postconsumer                           |
| <b>Both</b> Both Preconsumer and Postconsumer       |
| <b>Unk</b> Inclusion of recycled content is unknown |
| <b>None</b> 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

|  |
|--|
| <b>Nano</b> Composed of nano scale particles or nanotechnology                     |
| <b>Third Party Verified</b> Verification by independent certifier approved by HPDC |
| <b>Preparer</b> Third party preparer, if not self-prepared by manufacturer         |
| <b>Applicable facilities</b> 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.