

HPD UNIQUE IDENTIFIER: 26009

CLASSIFICATION: 09 83 00 Acoustic Finishes

PRODUCT DESCRIPTION: Ribsy wallcovering has a deep ribbed texture created with thick wool felt strips oriented on edge in alternating heights. This acoustic tile-based system creates wall-to-wall installations with subtle color variation between felt strips to create rich depth and texture. The easy-to-install 6-inch x 24-inch tiles are available in 49 colors of natural 100 percent wool felt on a cork backing. The tiles provide a Noise Reduction Coefficient (NRC) of 0.35 to work its sound-softening magic in any space.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and screening options. Includes radio buttons for selection and detailed instructions for the nested method.

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®.

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 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 LT-UNK 2-NAPHTHALENESULFONIC ACID, 6-AMINO-4-HYDROXY-5-[[2-(TRIFLUOROMETHYL)PHENYL]AZO]-, MONOSODIUM SALT LT-UNK] CORK COMPOSITES [CORK GRANULES NoGS 2,4-TOLUENE DIISOCYANATE (2,4-TDI) (2,4-TOLUENE DIISOCYANATE (2,4-TDI)) LT-1 | CAN | MUL | RES | MAM | SKI | EYE POLYURETHANE FOAMS (POLYURETHANE FOAMS) LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING 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. Since Ribsy is constructed with felt strips turned on edge, color variation will be more extreme and is part of the design intent of the product. Shade variation will be very noticeable on the installed product and cannot be more uniform

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) - Residential scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

PREPARER: Self-Prepared

SCREENING DATE: 2021-09-01

Yes
 No

VERIFIER:
VERIFICATION #:

PUBLISHED DATE: 2021-09-01
EXPIRY DATE: 2024-09-01

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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

5MM WOOL DESIGN FELT

#: 70.0000 - 74.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Animal-Based Material

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

HPD URL: <https://builder.hpd-collaborative.org/actions/builder/3924/record>

OTHER MATERIAL 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: 2021-09-01 13:38:13

#: 99.0000 - 100.0000

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Structure 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: 2021-09-01 13:38:15

#: 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: 2021-09-01 13:38:16

#: 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: **2021-09-01 13:38:16**

#: **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: **2021-09-01 13:38:17**

#: **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: **2021-09-01 13:38:17**

#: **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: **2021-09-01 13:38:18**

#: **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: **2021-09-01 13:38:18**

#: **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%.

CORK COMPOSITES

#: **26.0000 - 30.0000**

PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Wood or Lumber**

RESIDUALS AND IMPURITIES NOTES: Spinneybeck | FilzFelt cork is 86% post-industrial recycled material

OTHER MATERIAL NOTES:

CORK GRANULES

ID: **Not registered**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-01 13:38:14**

#: **99.0000 - 99.9000** GS: **NoGS** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: The cork not incorporated into the stopper industry is used as the raw material for the Ribsy collection granules

2,4-TOLUENE DIISOCYANATE (2,4-TDI) (2,4-TOLUENE DIISOCYANATE (2,4-TDI))

ID: **584-84-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-09-01 13:38:14**

#: **0.1000 - 6.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| MUL | US EPA - PPT Chemical Action Plans | EPA Chemical of Concern - Action Plan published |
| RES | AOEC - Asthmagens | Asthmagen (G) - generally accepted |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | MAK | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| RES | US EPA - PPT Chemical Action Plans | Inhalation sensitizer causing asthma and lung damage |
| MAM | US EPA - EPCRA Extremely Hazardous Substances | Extremely Hazardous Substances |
| RES | MAK | Sensitizing Substance Sa - Danger of airway sensitization |
| MAM | EU - GHS (H-Statements) | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2] |
| SKI | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction [Skin sensitization - Category 1] |
| SKI | EU - GHS (H-Statements) | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| CAN | EU - GHS (H-Statements) | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| EYE | EU - GHS (H-Statements) | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A] |
| RES | EU - GHS (H-Statements) | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1] |

SUBSTANCE NOTES: Cork Binder

POLYURETHANE FOAMS (POLYURETHANE FOAMS)

ID: 9009-54-5

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2021-09-01 13:38:15 | | | |
|---|---|--|-----------------|-------------------------------|
| %: 0.1000 - 7.0000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |

SUBSTANCE NOTES: Cork Binder

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) - Residential scenario

CERTIFYING PARTY: Second Party

ISSUE DATE: 2018-09- EXPIRY DATE:

CERTIFIER OR LAB: Berkley

APPLICABLE FACILITIES: Spinneybeck | FilzFelt

05

Analytical

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

100% Wool Design Felt is 100% biodegradable and Cork Composite Backing is 93% pre-consumer recycled content

Contains no formaldehyde, low VOC, no chemical irritants, free of harmful substances

Cork composite backing is GREENGUARD-certified

Contributes to LEED® v4

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. Since Ribsby is constructed with felt strips turned on edge, color variation will be more extreme and is part of the design intent of the product. Shade variation will be very noticeable on the installed product and cannot be more uniform.

MANUFACTURER INFORMATION

MANUFACTURER: Spinneybeck | FilzFelt
ADDRESS: 425 CrossPoint Parkway
 Getzville New York 14068, United States
WEBSITE: <https://www.filzfelt.com/>

CONTACT NAME: Peter Harenda
TITLE: Product Testing Coordinator
PHONE: 7164462358
EMAIL: pharenda@spinneybeck.com

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) | NoGS No GreenScreen. |
| 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) | |

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.