

**CLASSIFICATION:** Wall Mounted Acoustic Panel

**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**

**Inventory Reporting Format**

- Nested Materials Method
- Basic Method

**Threshold level**

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

**Residuals/Impurities**

Residuals/Impurities  
Considered in 2 of 2 Materials

Explanation(s) provided  
for Residuals/Impurities?  
 Yes  No

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No  
*% weight and role provided for all substances.*

**Screened**  Yes Ex/SC  Yes  No  
*All substances screened using Priority Hazard Lists with results disclosed.*

**Identified**  Yes Ex/SC  Yes  No  
*One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.*

**Threshold Disclosed Per**

- Material
- Product

**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-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, 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 BENZENESULFONIC ACID, [[9,10-DIHYDRO-9,10-DIOXO-1,4-ANTHRACENEDIYL]BIS[[IMINO[3-(2-METHYLPROPYL)-3,1-PROPANEDIYL]]]BIS-, DISODIUM SALT LT-P1 ] **CORK COMPOSITES [ CORK GRANULES NoGS 2,4-TOLUENE DIISOCYANATE (2,4-TDI) (2,4-TOLUENE DIISOCYANATE (2,4-TDI)) LT-1 | MAM | EYE | SKI | CAN | RES | AQU | MUL 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:**

Ribsy has undergone CDPH v 1.2 testing

**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**

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2019-01-15**

PUBLISHED DATE: **2019-01-15**

EXPIRY DATE: **2022-01-15**



## 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)

### 5MM WOOL DESIGN FELT

#: 70.0000 - 74.0000

PRODUCT THRESHOLD: Per GHS SDS

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

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: 2019-01-15

#: 99.0000 - 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Base Material

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: 2019-01-15

#: 0.0000 - 1.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Dye for textile finishing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

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

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: **2019-01-15**%: **0.0000 - 1.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Dye for textile finishing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: **2019-01-15**%: **0.0000 - 1.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Dye for textile finishing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: **2019-01-15**%: **0.0000 - 1.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Dye for textile finishing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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%.**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-01-15**%: **0.0000 - 1.0000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Dye for textile finishing**

HAZARD TYPE

AGENCY AND LIST TITLES

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%.

**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: **2019-01-15**%: **0.0000 - 1.0000**GS: **LT-UNK**

RC:

**None**

NANO:

**No**ROLE: **Dye for textile finishing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: **2019-01-15**%: **0.0000 - 1.0000**GS: **LT-UNK**

RC:

**None**

NANO:

**No**ROLE: **Dye for textile finishing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: **2019-01-15**%: **0.0000 - 1.0000**GS: **LT-P1**

RC:

**None**

NANO:

**No**ROLE: **Dye for textile finishing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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%.

### CORK COMPOSITES

%: 26.0000 - 30.0000

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Spinneybeck | FilzFelt cork is 93% post-industrial recycled material

OTHER MATERIAL NOTES:

### CORK GRANULES

ID: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-01-15

%: 99.0000 - 99.9000

GS: NoGS

RC: PreC

NANO: No

ROLE: Base material

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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: 2019-01-15

%: 0.1000 - 6.0000

GS: LT-1

RC: None

NANO: No

ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAMMALIAN	EU - R-phrases	R26 - Very Toxic by Inhalation
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
RESPIRATORY	EU - R-phrases	R42 - May cause sensitization by inhalation
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
RESPIRATORY	MAK	Sensitizing Substance Sa - Danger of airway sensitization
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES: **Cork Binder**

## POLYURETHANE FOAMS (POLYURETHANE FOAMS)

ID: **9009-54-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-01-15**

#: **0.1000 - 7.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	





## 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-**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkley**

APPLICABLE FACILITIES: **Spinneybeck | FilzFelt**

**09-05**

**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 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.



## MANUFACTURER INFORMATION

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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**

## KEY

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**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

<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

**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.*