

CLASSIFICATION: 098411 - Wall Mounted Acoustic Panels

PRODUCT DESCRIPTION: Scale turns the acoustic wall panel on its ear. Designed as a university project by Vanessa Busemann and Felix Zebi with German design collective, Cabs Design, this modular wall system is made from cut and folded acoustic fiber composite with 100% wool felt covering. The clever slotted design allows modules to fit together and hold securely with just the friction of the material and mounting to the wall is a snap with magnetic attachment hardware. The acoustically effective, three-dimensional modules come in two sizes plus 63 colorways of wool felt to create customizable patterning that's not just another pretty face.

Section 1: Summary

Nested 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

Residuals/Impurities
Considered in 2 of 2 Materials

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.

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

AKUSTIKA 10 [POLYETHYLENE TEREPHTHALATE (PET) LT-UNK] 3MM
WOOL DESIGN FELT [SHEEPS WOOL NoGS 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, 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, [(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 LT-UNK BENZENESULFONIC ACID, [(9,10-DIHYDRO-9,10-
DIOXO- 1,4-ANTHRACENEDIYL)DIIMINO]BIS[ETHYLMETHYL-, DISODIUM
SALT LT-UNK]

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:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

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

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: 2018-04-02

PUBLISHED DATE: 2018-04-02

EXPIRY DATE: 2021-04-02



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

AKUSTIKA 10

#: 75.0000 - 79.0000

HPD URL:

PRODUCT 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: Acoustical Substrate

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

#: 100.0000 - 100.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substrate

3MM WOOL DESIGN FELT

#: 21.0000 - 25.0000

HPD URL: <https://builder.hpd-collaborative.org/records/4517>

PRODUCT 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

ID: Not registered

#: 99.0000 - 100.0000

GS: NoGS

RC: None

NANO: No

ROLE: Textile

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%

#: 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

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

#: 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-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:

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

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

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 - 1.0000

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

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

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%

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.

OTHER	OEKO-TEX Standard 100		
CERTIFYING PARTY: Second Party	ISSUE DATE: 2017-	EXPIRY DATE: 2018-	CERTIFIER OR LAB: Hohenstein
APPLICABLE FACILITIES: Spinneybeck FilzFelt	11-22	09-30	Textile Testing Institute
CERTIFICATE URL: https://www.filzfelt.com/			
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.

SCALE WALL MOUNTING HARDWARE	HPD URL:
	https://www.filzfelt.com/index.php?/shop/product/scale

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Modules attach to vertical surfaces using magnetic attachment hardware provided. Sufficient hardware will be provided for square or rectangular shapes and additional hardware is available for purchase for irregular or asymmetric shapes. Pins are available for purchase to reinforce connection and ceiling installations must be quoted.

Section 5: General Notes

Wool Design Felt is 100% biodegradable and Acoustic Substrate is 100% recyclable Contains no formaldehyde, 100% VOC free, no chemical irritants, free of harmful substances, Oeko-Tex® Standard 100 Certified Product Class II 100% Wool Design Felt 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. 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.



MANUFACTURER INFORMATION

MANUFACTURER: **Spinneybeck | FilzFelt**
ADDRESS: **425 Crosspoint Parkway**
Getzville NY 14068, United States
WEBSITE: **425 Crosspoint Parkway**

CONTACT NAME: **Peter A Harenda**
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.