

HPD UNIQUE IDENTIFIER: 1652024320

CLASSIFICATION: 09 83 00 Acoustic Finishes

PRODUCT DESCRIPTION: Acoustic panels get a sustainable upgrade in Søuld + Felt. 100% Wool Design Felt and eelgrass, a powerhouse natural materials combination, amplify aesthetics and soften the sound in the most eco-friendly acoustic option. Søuld + Felt pulls double duty on sound absorption, with customizable panel sizes that are available in over ninety felt colors with chamfered or wrapped edges.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
☒ Nested Materials Method ☐ Basic Method	☐ 100 ppm ☒ 1,000 ppm ☐ Per GHS SDS ☐ Other	Completed in 2 of 2 Materials Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	Characterized ☒ Yes ☐ No Provided weight and role. Screened ☐ Yes ☒ No Provided screening results using HPDC-approved methods. Identified ☐ Yes ☒ No Provided name and CAS RN or other identifier.
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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

EELGRASS [ZOSTERA MARINA LINNAEUS Not Screened WATER BM-4 POLYETHYLENE TEREPHTHALATE (PET) LT-P1 POLYPROPYLENE LT-UNK SODIUM BENZOATE LT-UNK EYE CITRIC ACID LT-UNK EYE | SKI] 100% 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 AQU | GEN 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 BENZENESULFONIC ACID, [(9,10-DIHYDRO-9,10-DIOXO- 1,4-ANTHRACENEDIYL)DIIMINO]BIS[ETHYLMETHYL-, DISODIUM SALT LT-UNK SODIUM LAURYL SULFATE BM-2] MUL | EYE | SKI | MAM | AQU 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]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Eelgrass and Wool Felt are reviewed to 1000 ppm. Wool Felt is available in 10 undyed (0% dye) sheep's wool and 80 colorways requiring a mix of dyes. 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.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

☐ Yes

☒ No

VERIFIER:

VERIFICATION #:

PUBLISHED DATE: 2024-08-19

EXPIRY DATE: 2027-08-19

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

EELGRASS	%: 84.0000 - 85.0000	
PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Plant-Based Fiber
RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities are reviewed during product's quality assurance check		
OTHER MATERIAL NOTES: Eelgrass is a marine plant that reproduces annually in the sea, washes ashore, and is dried naturally on fields with the sun and wind. It's a carbon-storing renewable resource with beautiful inherent qualities that add warmth and natural texture to interiors while providing excellent acoustics and a sustainable alternative to traditional building materials.		

ZOSTERA MARINA LINNAEUS				ID: Not Registered
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: Not Screened	
%: 79.0000 - 79.0000	GreenScreen: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Biological material
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	Hazard Screening not performed			
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
	Additional Hazard Screening not performed			
SUBSTANCE NOTES: Eelgrass Zostera Marina Linnaeus Plant Symbol = ZOMA				

WATER		ID: 7732-18-5		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-08-19 11:10:13		
%: 10.8000 - 11.4000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions		
		Exempted from REACH Annex IV listing due to intrinsic safety		

SUBSTANCE NOTES:

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:13	
%: 7.5000 - 9.5000	GreenScreen: LT-P1	RC: PostC	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Made from both virgin and recycled PET fibres				

POLYPROPYLENE

ID: 9003-07-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:13	
%: 0.5000 - 2.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

SODIUM BENZOATE

ID: 532-32-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:13	
%: 0.1200 - 0.6000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Preservatives-Antioxidants - Green Circle (Verified Low Concern)		

SUBSTANCE NOTES:

CITRIC ACID

ID: 77-92-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:14	
%: 0.1200 - 0.6000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]	
SKI	GHS - Australia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
EYE	GHS - Australia		H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]	
EYE	GHS - New Zealand		Serious eye damage category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
POSITIVE LIST	US Environmental Protection Agency (US EPA)		US EPA - DfE Safer Chemicals Ingredients list (SCIL)	
			Chelating Agents - Green Circle (Verified Low Concern)	

100% WOOL DESIGN FELT

%: 15.0000 - 16.0000

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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

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

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:14	
%: 99.0000 - 100.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Textile component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:15	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Some colorways are 100% natural 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 DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:15	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1		
GEN	GHS - New Zealand	Germ cell mutagenicity category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Some colorways are 100% natural 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 DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:15	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Some colorways are 100% natural 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 DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:14	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Some colorways are 100% natural 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

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:15	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Some colorways are 100% natural sheep's wool and others require a mix of dyes. maximum content of all dyes combined is 1%

SODIUM LAURYL SULFATE

ID: 12738-53-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:15	
%: 0.1000 - 1.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Dye

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
MAM	GHS - New Zealand	Acute dermal toxicity category 3
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
MAM	GHS - Japan	H310 - Fatal in contact with skin [Acute Toxicity (dermal) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials

SUBSTANCE NOTES: Some colorways are 100% natural 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 DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-08-19 11:10:15	
%: 0.1000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Dye
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Some colorways are 100% natural 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 DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-08-19 11:10:15

%: 0.0000 - 1.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Dye

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Core Restrictions

SUBSTANCE NOTES: Some colorways are 100% natural 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.

VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2024-06-17 00:00:00	CERTIFIER OR LAB: Berkeley
APPLICABLE FACILITIES: Spinneybeck FilzFelt	EXPIRY DATE:	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

Some colorways are 100% undyed sheep's wool and others require a mix of dyes. Maximum content of all dyes combined is 1%.

MANUFACTURER INFORMATION

MANUFACTURER: **Spinneybeck | FilzFelt**
ADDRESS: **425 CrossPoint Parkway**
Getzville, New York 14068
COUNTRY: **United States**

WEBSITE: **<https://www.filzfelt.com/>**
CONTACT NAME: **Peter A. 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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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

