

HPD UNIQUE IDENTIFIER: 1442112360448
CLASSIFICATION: 09 81 13 Acoustic Board Insulation
PRODUCT DESCRIPTION: Sound-Deadening Fiberboard

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format <input type="radio"/> Nested Materials Method <input checked="" type="radio"/> Basic Method	Threshold Level <input checked="" type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other	Residuals/Impurities Evaluation <input type="radio"/> Completed <input checked="" type="radio"/> Partially Completed <input type="radio"/> Not Completed Explanation(s) provided : <input checked="" type="radio"/> Yes <input type="radio"/> No	<i>For all contents above the threshold, the manufacturer has:</i> Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided weight and role.</i> Screened <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided screening results using HPDC-approved methods.</i> Identified <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided name and CAS RN or other identifier.</i>
Threshold Disclosed Per <input type="radio"/> Material <input checked="" type="radio"/> 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
SOUNDSTOP [PULP, CELLULOSE NoGS CORN STARCH NoGS
WATER BM-4 ALPHA-C24-54-ALKENE, VERZWEIGT UND LINEAR
NoGS SLACK WAX (PETROLEUM) LT-1 CAN | MUL | DEV SULFURIC
ACID, ALUMINUM SALT (3:2) LT-P1 SKI | EYE | AQU ALUMINATE
(ALO21#-), SODIUM LT-P1 SKI | EYE SODIUM HYDROXIDE LT-P1
SKI | MAM | EYE TEA-STEARATE NoGS]

Number of Greenscreen BM-4/BM3 contents ... 1
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...
LT-1, LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

Ingredients have been screened against chemicals listed in Living Building Challenge Red List 4.0 and does not contain the listed chemicals to 100ppm. Exact percentages are not disclosed to protect proprietary information. This product is not wet applied therefore VOC content data is not applicable.

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
Biobased content: ASTM D6866-22 Standard for Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon Analysis
Biobased content: USDA BioPreferred Catalog

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified? <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2025-05-21 PUBLISHED DATE: 2025-05-21 EXPIRY DATE: 2028-05-21
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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

SOUNDSTOP

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Partially

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were partially considered.

OTHER PRODUCT NOTES: Composition ranges are provided to protect proprietary information.

PULP, CELLULOSE

ID: 65996-61-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-05-21 12:34:39	
%: 83.5000 - 99.0000	GreenScreen: NoGS	RC: PreC	NANO: Unknown SUBSTANCE ROLE: Structure 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	
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety	

SUBSTANCE NOTES: Composition ranges are provided to protect proprietary information.

CORN STARCH

ID: 9005-25-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-05-21 12:34:39	
%: 0.5000 - 9.0000	GreenScreen: NoGS	RC: None	NANO: Unknown 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	
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety	

SUBSTANCE NOTES: Composition ranges are provided to protect proprietary information.

WATER

ID: 7732-18-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-21 12:34:40		
%: 0.0000 - 4.3000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Solvent	
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: Composition ranges are provided to protect proprietary information.					

ALPHA-C24-54-ALKENE, VERZWEIGT UND LINEAR

ID: 131459-42-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-21 12:34:40		
%: 0.0000 - 1.3750	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Water resistance	
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: Composition ranges are provided to protect proprietary information.					

SLACK WAX (PETROLEUM)

ID: 64742-61-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-21 12:34:41		
%: 0.0000 - 1.3000	GreenScreen: LT-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Water resistance	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
DEV	GHS - Australia	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]
CAN	EU - REACH Annex XVII CMRs	Carcinogens: Category 1B
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		All Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Cosmetics and Personal Care Products
SUBSTANCE NOTES: Composition ranges are provided to protect proprietary information.		

SULFURIC ACID, ALUMINUM SALT (3:2)

ID: 10043-01-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-21 12:34:41	
%: 0.0000 - 0.7500	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Sizing agent
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	GHS - New Zealand	Skin irritation category 2		
EYE	GHS - New Zealand	Eye irritation category 2		
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Children's Toy Products
SUBSTANCE NOTES:		

ALUMINATE (ALO21#-), SODIUM

ID: 1302-42-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-05-21 12:34:41		
%: 0.0000 - 0.4200	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Buffer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin irritation category 2	
EYE	GHS - New Zealand		Eye irritation category 2	
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]	
SKI	GHS - Japan		H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

SODIUM HYDROXIDE

ID: 1310-73-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-21 12:34:42	
%: 0.0000 - 0.1000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Buffer

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1B
SKI	GHS - Malaysia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]
EYE	GHS - Malaysia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024 Cosmetics and Personal Care Products

SUBSTANCE NOTES:

TEA-STEARATE

ID: 4568-28-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-21 12:34:42	
%: 0.0000 - 0.0175	GreenScreen: NoGS	RC: UNK	NANO: No	SUBSTANCE ROLE: Water resistance
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: Composition ranges are provided to protect proprietary information.				

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 APPLICABLE FACILITIES: Danville, VA 24541 CERTIFICATE URL: https://www.blueridgefiberboard.com/wp-content/uploads/2024/06/2025-05_Blue-Ridge-Fiberboard_SoundStop_2400261R1-01.pdf CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2025-04-01 00:00:00 EXPIRY DATE: 2026-05-30 00:00:00	CERTIFIER OR LAB: MAS Certified Green CT
BIOBASED CONTENT	ASTM D6866-22 Standard for Biobased Content of Solid, Liquid, and Gaseous Samples Using Radiocarbon Analysis	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Danville, VA 24541 CERTIFICATE URL: https://www.blueridgefiberboard.com/wp-content/uploads/2024/04/USDA-ParticipationCertificate-BRF-SOUNDSTOP.pdf CERTIFICATION AND COMPLIANCE NOTES: 100% USDA Certified Biobased content.	ISSUE DATE: 2023-09-15 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: Beta Analytic
BIOBASED CONTENT	USDA BioPreferred Catalog	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Danville, VA 24541 CERTIFICATE URL: https://www.blueridgefiberboard.com/wp-content/uploads/2024/04/USDA-ParticipationCertificate-BRF-SOUNDSTOP.pdf CERTIFICATION AND COMPLIANCE NOTES: 100% USDA Certified Biobased content.	ISSUE DATE: 2023-09-15 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: Beta Analytic

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.

ACOUSTICAL CAULK SUPPLIED BY OTHERS
MANUFACTURER (OR GENERIC): Generic
HPD URL: no HPD available ACCESSORY TYPE: Adhesive CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: No Conditions Provided
DRYWALL SCREWS OR DRYWALL NAILS SUPPLIED BY OTHERS
MANUFACTURER (OR GENERIC): Generic
HPD URL: no HPD available ACCESSORY TYPE: Fastener CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Fastening Patterns: Fastening patterns will vary based upon specific membrane manufacturers' assemblies. Please refer to membrane manufacturer fastening requirements.

Section 5: General Notes

Ingredients have been screened against chemicals listed in Living Building Challenge Red List 4.0 and does not contain the listed chemicals to 100ppm.

Exact percentages are not disclosed to protect proprietary information.

Residuals and Impurities were considered based on supplier SDS. SDS may not identify all Residuals or Impurities present that would require reporting on the HPD.

The overall product pre-consumer recycled content is 75%.

The pre-consumer recycled content for the sourced wood is from sawmill waste including, but not limited to, sawdust, chips, slabs, and cuttings from lumber or timber.

This product is a USDA Certified Biobased Product with 100% Bio-based content material as tested by ASTM 6866-22 Method B (Accelerator Mass Spectrometry) Total Organic Carbon.

This biobased content is third-party verified data as administered through the USDA BioPreferred® Program.

MANUFACTURER INFORMATION

MANUFACTURER: **Blue Ridge Fiberboard**
 ADDRESS: **250 Celotex Drive**
Danville, Virginia 24541
 COUNTRY: **United States of America**
 LATITUDE: **36.5438000**
 LONGITUDE: **-79.3556000**

WEBSITE: **<https://www.blueridgefiberboard.com/>**
 CONTACT NAME: **Kimberly Ann Lombardozzi**
 TITLE: **Sustainability Manager**
 PHONE: **847-214-2100**
 EMAIL: **klombardozzi@wrmeadows.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.

