

HPD UNIQUE IDENTIFIER: 1081204802560

CLASSIFICATION: 09 84 00 Acoustic Room Components

PRODUCT DESCRIPTION: 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.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

|                                                          |                                            |                                                               |                                                                                    |
|----------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Inventory Reporting Format</b>                        | <b>Threshold Level</b>                     | <b>Residuals/Impurities Evaluation</b>                        | <i>For all contents above the threshold, the manufacturer has:</i>                 |
| <input checked="" type="radio"/> Nested Materials Method | <input type="radio"/> 100 ppm              | Completed in 2 of 3 Materials                                 | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Basic Method                       | <input checked="" type="radio"/> 1,000 ppm | <b>Explanation(s) provided for Residuals/Impurities?</b>      | <i>Provided weight and role.</i>                                                   |
| <b>Threshold Disclosed Per</b>                           | <input type="radio"/> Per GHS SDS          | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Screened</b> <input type="radio"/> Yes <input checked="" type="radio"/> No      |
| <input type="radio"/> Material                           | <input type="radio"/> Other                |                                                               | <i>Provided screening results using HPDC-approved methods.</i>                     |
| <input checked="" type="radio"/> Product                 |                                            |                                                               | <b>Identified</b> <input type="radio"/> Yes <input checked="" type="radio"/> No    |
|                                                          |                                            |                                                               | <i>Provided name and CAS RN or other identifier.</i>                               |

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 ] FLAME RETARDANT [ WATER BM-4 SODIUM BENZOATE LT-UNK ] EYE CITRIC ACID LT-UNK ] EYE | SKI ] BINDER [ POLYETHYLENE TEREPHTHALATE (PET) LT-P1 POLYPROPYLENE 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:

Material is reviewed to 1,000 ppm

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.

Third Party Verified?

- ☐ Yes  
☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2024-08-19  
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](http://www.hpd-collaborative.org/hpd-2-3-standard)

|                                                                                                      |                                                    |                                  |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------|
| EELGRASS                                                                                             | %: 78.0000 - 78.0000                               |                                  |
| PRODUCT THRESHOLD: 1000 ppm                                                                          | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes | MATERIAL TYPE: Plant-Based Fiber |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities are reviewed and repurposed for repurposing |                                                    |                                  |
| OTHER MATERIAL NOTES:                                                                                |                                                    |                                  |

|                                                                             |                                           |          |                                     |                                     |
|-----------------------------------------------------------------------------|-------------------------------------------|----------|-------------------------------------|-------------------------------------|
| ZOSTERA MARINA LINNAEUS                                                     |                                           |          |                                     | ID: Not Registered                  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                   |                                           |          | HAZARD SCREENING DATE: Not Screened |                                     |
| %: 100.0000 - 100.0000                                                      | 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<br>Zostera Marina Linnaeus<br>Plant Symbol = ZOMA |                                           |          |                                     |                                     |

|                                                                               |                                                   |                                               |
|-------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------|
| FLAME RETARDANT                                                               |                                                   | %: 12.0000 - 12.0000                          |
| PRODUCT THRESHOLD: 1000 ppm                                                   | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Other: Natural Flame Retardant |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities review not completed |                                                   |                                               |
| OTHER MATERIAL NOTES:                                                         |                                                   |                                               |

|                                                           |                      |                                                |          |                                 |
|-----------------------------------------------------------|----------------------|------------------------------------------------|----------|---------------------------------|
| WATER                                                     |                      | ID: 7732-18-5                                  |          |                                 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-08-19 10:27:52     |          |                                 |
| %: 90.0000 - 98.0000                                      | 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<br><br>Exempted from REACH Annex IV listing due to intrinsic safety |
| SUBSTANCE NOTES:    |                                              |                                                                                           |

SODIUM BENZOATE

ID: 532-32-1

|                                                                  |                                             |                                                   |                                                                                          |                                        |
|------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2024-08-19 10:27:52</b> |                                                                                          |                                        |
| %: <b>1.0000 - 5.0000</b>                                        | GreenScreen: <b>LT-UNK</b>                  | RC: <b>None</b>                                   | NANO: <b>No</b>                                                                          | SUBSTANCE ROLE: <b>Flame retardant</b> |
| 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: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2024-08-19 10:27:52</b>                                                                  |                 |                                        |
| %: <b>1.0000 - 5.0000</b>                                        | GreenScreen: <b>LT-UNK</b>                  | RC: <b>None</b>                                                                                                    | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Flame retardant</b> |
| 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)<br><br>Chelating Agents - Green Circle (Verified Low Concern) |                 |                                        |

SUBSTANCE NOTES:

BINDER

%: 10.0000 - 10.0000

|                                                                            |                                                   |                                          |
|----------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------|
| PRODUCT THRESHOLD: 1000 ppm                                                | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Other Biological Material |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities are not evaluated |                                                   |                                          |
| OTHER MATERIAL NOTES: Bicomponent Binder                                   |                                                   |                                          |

POLYETHYLENE TEREPHTHALATE (PET) ID: 25038-59-9

|                                                                  |                           |                                                |                                                   |                               |
|------------------------------------------------------------------|---------------------------|------------------------------------------------|---------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                                                | HAZARD SCREENING DATE: <b>2024-08-19 10:27:52</b> |                               |
| %: <b>75.0000 - 95.0000</b>                                      | GreenScreen: <b>LT-P1</b> | RC: <b>PostC</b>                               | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Binder</b> |
| 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: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2024-08-19 10:27:53</b> |                               |
| %: <b>5.0000 - 25.0000</b>                                       | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Binder</b> |
| 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:                                                 |                            |                                                |                                                   |                               |

### 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

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.

## MANUFACTURER INFORMATION

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

WEBSITE: **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

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <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>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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*

