

HPD UNIQUE IDENTIFIER: 31684

CLASSIFICATION: 09 84 00 Acoustic Room Components

PRODUCT DESCRIPTION: EzoBord is a new generation high-performance acoustical and tackable material made from recycled water bottles (PET). EzoBord offers unlimited design potential to enable architects and designers to create highly customized acoustical applications for any space. This HPD covers the review of a fiberboard product in the model lines of Acoustical Net, Amplitude, Baffle Clouds, Ceiling Baffles, Full Sheet Cloud, Geo Cloud, Grid Canopy, Macaron Cloud, Rail Baffle, Balsa, Carve, EzoOnEzo, Full Sheet, Geo Tiles, Tac Panels, Work Zone Dividers and Desk Screens.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold Level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities Evaluation</p> <p><input checked="" type="radio"/> Completed</p> <p><input type="radio"/> Partially Completed</p> <p><input type="radio"/> Not Completed</p> <p>Explanation(s) provided :</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>For all contents above the threshold, the manufacturer has:</i></p> <p>Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p>Screened <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p>Identified <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>Provided name and CAS RN or other identifier.</i></p>
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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
EZOBORD PET ACOUSTICAL PANEL | UNDISCLOSED | LT-P1
UNDISCLOSED | LT-P1 | UNDISCLOSED | LT-P1

Number of Greenscreen BM-4/BM3 contents ... 0
 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Archifibe Inc. has followed the Manufacturer User Guide and HPD Open Standard versions 2.3 to confirm that all intentionally added ingredients, residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure letters from the suppliers, including residuals and impurities, down to the 100 ppm threshold

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
 VOC emissions: UL/GreenGuard Gold Certified
 LCA: Environmental Product Declaration (EPD) by SCS
 Multi-attribute: OEKO-TEX Standard 100

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
 Pre-checked for LEED v4 Option 2.
 Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
 VERIFICATION #:

SCREENING DATE: 2023-01-26

PUBLISHED DATE: 2023-03-09

EXPIRY DATE: 2026-01-26

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

EZOBORD PET ACOUSTICAL PANEL

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Archifibe Inc. followed the steps outlined in Residuals and Impurities Best Practices guidance to evaluate the presence of residuals and impurities (R/I). Archifibe Inc. does not have evidence for the presence of R/I at or above 100ppm for EzoBord PET Acoustical Panel based on the supplier disclosure letter or other supplier documentation. There are no additional/alternate substances used in EzoBord PET Acoustical Panel at or above 100ppm that are not included in the "Common Contents" (Pharos) section of the Common Product for this product type. This type of product is not included in the "Common Product" list in Pharos (<https://pharosproject.net/common-products>). Therefore, according to Residuals and Impurities Best Practices guidance, consideration of R/I is considered complete. Residuals and Impurities were considered based on: -supplier disclosure letter (disclosure threshold: 100ppm for Product/Material). No Residuals or Impurities are expected to be present at or above Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS.

OTHER PRODUCT NOTES:

UNDISCLOSEDID: **Undisclosed**HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-30 23:55:14**%: **55.0000 - 60.0000** GreenScreen: **LT-P1** RC: **PostC** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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: Post-Consumer Recycled Polyethylene Terephthalate (PET) staple fiber.

UNDISCLOSEDID: **Undisclosed**HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-30 23:45:43**%: **37.0000 - 42.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Polymer species**

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: Polyethylene Terephthalate (PET) low melt fiber

UNDISCLOSEDID: **Undisclosed**HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-01-30 23:52:35**%: **2.0000 - 2.0000** GreenScreen: **LT-P1** RC: **PostC** NANO: **No** SUBSTANCE ROLE: **Pigment**

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: Post-Consumer Recycled Polyethylene Terephthalate (PET) master batch

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: All
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2020-02-06
EXPIRY DATE:

CERTIFIER OR LAB: Berkeley Analytical

VOC EMISSIONS UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Office Classroom
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2023-01-31
EXPIRY DATE: 2023-12-31

CERTIFIER OR LAB: UL

LCA Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2019-01-09
EXPIRY DATE: 2024-01-06

CERTIFIER OR LAB: SCS Global Services

MULTI-ATTRIBUTE OEKO-TEX Standard 100

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2022-09-22
EXPIRY DATE: 2023-07-31

CERTIFIER OR LAB: Hohenstein Textile Testing Institute GmbH & Co. KG

MULTI-ATTRIBUTE REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2020-01-09
EXPIRY DATE:

CERTIFIER OR LAB: Intertek Test Hizmetleri A.S.

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

This HPD covers the review of a fiberboard product in the model lines of Acoustical Net, Amplitude, Baffle Clouds, Ceiling Baffles, Full Sheet Cloud, Geo Cloud, Grid Canopy, Macaron Cloud, Rail Baffle, Balsa, Carve, EzoOnEzo, ezoPrint, Full Sheet, Geo Tiles Tac Panels, Work Zone Dividers and Desk Screens.

MANUFACTURER INFORMATION

MANUFACTURER: Archifibe Inc.
ADDRESS: 6845 Rexwood Rd Unit 7
 Mississauga Ontario L4V1S5, Canada
WEBSITE: <http://www.ezobord.com>

CONTACT NAME: Doug Barlett
TITLE: CEO
PHONE: (416)6653571
EMAIL: info@archifibe.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 for compliance with the HPD standard noted.