

CLASSIFICATION: 09 51 00 Acoustical Ceilings

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 base, uncolored fiberboard product in the model lines of Acoustical Panels, Ceiling Baffles, Work Zone Dividers, Grid Canopy, Acoustical Net, and Desk Screen and does not cover any custom color ezoBord options.

Section 1: Summary

Basic 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

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances except SC substances characterized according to SC guidance.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed except SC substances screened according to SC guidance.

Identified Yes Ex/SC Yes No

All substances disclosed by Name (Specific or Generic) and Identifier except SC substances identified according to SC guidance.

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

EZOBORD PET ACOUSTICAL PANEL [SC:RECYCLED PET Not Screened]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... UNK

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: MixedRecycledContent

[LEED v4] "Yes ex/SC" result is due only to materials and substances for which Special Conditions were applied. Thus "Yes ex/SC" does not disqualify the product for the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1.

iVekter worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, 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: No VOC Certification

LCA: Environmental Product Declaration (EPD) by SCS

Other: OEKO-TEX® Standard 100

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1 and Option 2

Third Party Verified?

- Yes
- No

PREPARER: ToxServices LLC
VERIFIER: SCS Global Services
VERIFICATION #: qGE-9270

SCREENING DATE: 2019-12-02
PUBLISHED DATE: 2020-01-03
EXPIRY DATE: 2022-12-02



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

EZOBORD PET ACOUSTICAL PANEL

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: iVekter worked with an HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold.

OTHER PRODUCT NOTES:

SC:RECYCLED PET

ID: **SC:MixedRC**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-12-02**

#: **100.00 - 100.00**

GS: **Not Screened**

RC: **Both**

NANO: **No**

ROLE: **Base, uncolored fiberboard**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES:

Version: **SCMixedRC/2018-02-23**

Is regular, analytical testing performed on the substance?: **Yes**

OEKO-TEX® Standard 100; Appendix 6, product class I (once a year)

Hohenstein Textile Testing Institute GmbH & Co. KG

BatchVariation: **N/A**

SourceofOrigin: **N/A**

Why is there limited information?: **N/A**

This disclosure does not provide information on the potential presence of hazardous substances which may be found in certain mixed recycled materials.

The HPD Approved Preparer worked with iVekter and their recycled PET material supplier in confirming the following:

1) The approved HPD preparer confirmed with the iVekter Inc. recycled PET material supplier that the full PET recycling process, from the starting used bottles to the final PET fibers, does not utilize any chemicals except for water. The process is described as a physical recycling process.

2) The approved HPD preparer was provided with a declaration from the iVekter Inc. team confirming that iVekter Inc. does not add any chemicals, paints or sealants to its PET based acoustical boards manufactured under the brand name ezoBord.

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

No VOC Certification

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **N/A**

12-10

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **CDPH Standard V1.2 (Section 01350/CHPS)- Not tested**

LCA

Environmental Product Declaration (EPD) by SCS

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2024-**

CERTIFIER OR LAB: **SCS**

APPLICABLE FACILITIES: **All Facilities**

01-07

01-06

Global Services

CERTIFICATE URL:

https://www.scs-certified.com/products/cert_pdfs/SCS-EPD-05286_EzoBord_022619.pdf

CERTIFICATION AND COMPLIANCE NOTES: **SCS-EPD-05286; The functional unit is one square meter of ceiling panel product over a 75-year period. ISO 21930:2017. Sustainability in buildings and civil engineering works – Core rules for environmental product declarations of construction products and services.**

OTHER

OEKO-TEX® Standard 100

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **OEKO-TEX®**

APPLICABLE FACILITIES: **All Facilities**

01-22

01-22

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Fulfills requirements of Annex XVII of REACH the U.S. requirement regarding total content of lead in children's articles and the Chinese standard GB 18401:2010 (labeling requirements were not verified).**

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 only covers the review of a base, uncolored fiberboard product in regard to the model lines of Acoustical Panels, Ceiling Baffles, Work Zone Dividers, Grid Canopy, Acoustical Net and Desk Screen ezoBord products, and does not cover any custom color ezoBord options.



MANUFACTURER INFORMATION

MANUFACTURER: **iVekter Inc / ezoBord**
ADDRESS: **6845 Rexwood Rd Unit 7**
Mississauga, Ontario L4V1S4, Canada
WEBSITE: **https://www.ezobord.com**

CONTACT NAME: **Doug Barlett**
TITLE: **CEO**
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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.