

HPD UNIQUE IDENTIFIER: 28798

CLASSIFICATION: 09 51 23 Acoustical Tile Ceilings

PRODUCT DESCRIPTION: OWA mineral tiles based on bio-soluble mineral wool, are free of asbestos and produced with-out formaldehyde and are 100 % recyclable. Smooth textured fleece covered ceilings offers good absorption and attenuation, light reflectance and durability. OWA fleece covered tiles offers great acoustical performance with NRC of 0.70 - 0.95 and CAC of 28 - 41 dB. OWA ceiling tiles are available in different sizes and systems: • Octave / Octave High NRC/CAC • Octave black / Octave wood colors • Humancare • Brillianto / Brillianto A • Sinfonia • Trapeze • Bolero • Ocean • Sinfonia Privacy • OWAplan70 / OWAplan90

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
<div><input type="radio"/> Nested Materials Method</div> <div><input checked="" type="radio"/> Basic Method</div>	<div><input checked="" type="radio"/> 100 ppm</div> <div><input type="radio"/> 1,000 ppm</div> <div><input type="radio"/> Per GHS SDS</div> <div><input type="radio"/> Other</div>	<div><input checked="" type="radio"/> Considered</div> <div><input type="radio"/> Partially Considered</div> <div><input type="radio"/> Not Considered</div>	<div><input type="radio"/> Characterized</div> <div><input type="radio"/> Yes Ex/SC</div> <div><input checked="" type="radio"/> Yes</div> <div><input type="radio"/> No</div>
Threshold Disclosed Per			% weight and role provided for all substances.
<div><input type="radio"/> Material</div> <div><input checked="" type="radio"/> Product</div>		Explanation(s) provided for Residuals/Impurities?	<div><input type="radio"/> Screened</div> <div><input type="radio"/> Yes Ex/SC</div> <div><input type="radio"/> Yes</div> <div><input checked="" type="radio"/> No</div>
		<div><input checked="" type="radio"/> Yes</div> <div><input type="radio"/> No</div>	One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.
			<div><input type="radio"/> Identified</div> <div><input type="radio"/> Yes Ex/SC</div> <div><input type="radio"/> Yes</div> <div><input checked="" type="radio"/> No</div>
			One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow 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

OWACOUSTIC® FLEECE COVERED CEILING TILES [MINERAL WOOL, BIOSOLUBLE AND WITH ALKALINE OXIDE AND ALKALINE EARTH OXIDE CONTENT > 18 % BY WEIGHT Not Screened CLAY NoGS PERLITE LT-UNK STARCH LT-UNK LIMESTONE, CALCIUM CARBONATE BM-3dg FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT LT-UNK CELLULOSE PULP NoGS UNDISCLOSED Not Screened UNDISCLOSED Not Screened]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

OWA worked with Alpha IC GmbH to properly screen and disclose all chemical information listed on this current HPD. Special conditions applied: Defined substance without identifier [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. Identified is marked "No" because there are proprietary substances and substances with no registered IDs reported on this HPD.

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: Eurofins Confirmation LEEDv4 EQ - Low emitting products - wet applied - DiBt/AgBB/SCAQMD
VOC emissions: Cradle to Cradle Certified - Bronze (V3.1)
VOC emissions: Decret Etiquetage A+
VOC emissions: AgBB evaluation scheme (2008) and guidelines of the DiBt (2004)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2022-06-20
<div><input type="radio"/> Yes</div> <div><input checked="" type="radio"/> No</div>	VERIFIER:	PUBLISHED DATE: 2022-06-20
	VERIFICATION #:	EXPIRY DATE: 2025-06-20

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

OWACOUSTIC® FLEECE COVERED CEILING TILES

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on process chemistry via Quartz Project Database. 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: This HPD includes eight different systems of OWAcoustic fleece covered ceiling tiles. To cover the composition of all systems all substances listed within this HPD are indicated with a minimum and a maximum percentage.

MINERAL WOOL, BIOSOLUBLE AND WITH ALKALINE OXIDE AND ALKALINE EARTH OXIDE CONTENT > 18 % BY WEIGHT

ID: Unknown

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: Not Screened

GS: Not Screened

RC: Both

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
Hazard Screening not performed		

SUBSTANCE NOTES: The Mineral fiber, Index number 650-016-002, fulfilling one of the note Q conditions in the CLP Regulation (EC) No 1272/2008 is not classified as a carcinogen by IARC, NTP, CA Proposition 65 or OSHA. The R40 and H351 phrases below are triggered by a special provision “Note Q”, found only in the EU’s CLP Regulation and for which the applicability to the provided products is neither certain nor adopted by the manufacturer. The world’s leading institute on carcinogen classification, the International Agency for Research on Cancer (IARC) has determined that there is insufficient evidence to classify this material as carcinogenic. The EU’s CLP Regulation focused on creating criteria to characterize biosolubility, but did not provide data to support a causal relationship between the EU test method and actual carcinogenicity.

CLAY

ID: 1302-87-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-06-20 8:09:13

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Clay used in this product is not regulated as a hazardous substance.

PERLITE

ID: 93763-70-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-06-20 8:09:13

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES:		

STARCH

ID: 9005-25-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-20 8:09:14		
%: 7.0000 - 10.0000	GS: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: Starch used in this product has a pre consumer recycled content of 2-3 %.				

LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-20 8:09:14		
%: 3.0000 - 6.0000	GS: BM-3dg	RC: PreC	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Limestone, calcium carbonate used in this product has a pre consumer recycled content of 1-2 %.				

FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-20 8:09:15		
%: 2.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

CELLULOSE PULP

ID: 65996-61-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-06-20 8:09:15		
%: 1.0000 - 2.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 0.1000 - 1.0000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				
SUBSTANCE NOTES: Acrylate dispersion. This substance is undisclosed for proprietary reasons.				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: Not Screened		
%: 0.1000 - 1.0000	GS: Not Screened	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
Hazard Screening not performed				
SUBSTANCE NOTES: This substance is undisclosed for proprietary reasons.				

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		Eurofins Confirmation LEEDv4 EQ - Low emitting products - wet applied - DiBt/AgBB/SCAQMD	
CERTIFYING PARTY: Second Party	ISSUE DATE: 2016-10-	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins
APPLICABLE FACILITIES: All locations	31		Product Testing A/S
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: The test results of the tested product indicate that the product qualifies for LEED v4 and LEED 2009 specifications on VOC emissions by complying with the requirements of CDPH-IAQ (California Department of Public Health, Feb 2010); and a TVOC below 0.5 mg/m³ in both office and class room (see test report no. G06712E). Only the following systems are considered Certified Products within the scope of this certification: • OWAacoustic Sinfonia • OWAacoustic Bolero			
VOC EMISSIONS		Cradle to Cradle Certified - Bronze (V3.1)	
CERTIFYING PARTY: Second Party	ISSUE DATE: 2020-06-	EXPIRY DATE: 2022-	CERTIFIER OR LAB: EPEA GmbH
APPLICABLE FACILITIES: All locations	04	02-25	
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Only the following systems are considered Certified Products within the scope of this certification and the associated Trademark License Agreement: • OWAacoustic Sinfonia • OWAacoustic Octave • OWAacoustic Brillianto A			
VOC EMISSIONS		Decret Etiquetage A+	
CERTIFYING PARTY: Second Party	ISSUE DATE: 2013-05-	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins
APPLICABLE FACILITIES: All locations	27		Product Testing A/S
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: The product was tested for VOC emissions according to the requirements of the French legislation (order of April 2011) concerning the labeling of construction products or coverings of walls or floors and paint and varnishes on their emissions of volatiles pollutants.			
VOC EMISSIONS		AgBB evaluation scheme (2008) and guidelines of the DIBt (2004)	
CERTIFYING PARTY: Second Party	ISSUE DATE: 2009-10-	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins
APPLICABLE FACILITIES: All locations	06		Product Testing A/S
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: The emissions were tested according to the AgBB (Committee for Health related Evaluation of Building Products)-scheme and guidelines of the DIBt (German Institute for Building Technology).			
VOC EMISSIONS		Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)	
CERTIFYING PARTY: Second Party	ISSUE DATE: 2018-01-	EXPIRY DATE: 2023-	CERTIFIER OR LAB: Institut Bauen
APPLICABLE FACILITIES: All locations	22	01-21	und Umwelt e.V.
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Declaration number EPD-WTC-20170171-IAF1-EN			

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.

OWACONSTRUCT SUSPENSION SYSTEMS	HPD URL: https://www.owa.de/en/products/owaconstructsystems/
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CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The OWAacoustic fleece covered ceiling tiles are part of the OWAlifetime collection which includes a wide range of high quality mineral and special ceiling tiles that have proven themselves over time and constitute OWA's core business. The high quality construction systems under the OWAconstruct brand can also be found in the new OWAlifetime collection.



Section 5: General Notes

When used properly, the mineral boards maintain their mechanical and physical properties for their entire useful life. Direct contact with water should be avoided due to the bio-soluble binder starch. When correctly installed no dust / particles will be released during the period of use. The limits for formaldehyde, VOC's and TVOC's are in compliance with DIN 18177.

MANUFACTURER INFORMATION

MANUFACTURER: OWA
ADDRESS: Dr.-F.-A.-Freundt-Straße 3
 Amorbach Bavaria 63916, Germany
WEBSITE: <https://www.owa.de/en/>

CONTACT NAME: Thomas Höllein
TITLE: Dipl.-Ing. (FH) Environmental Acoustics
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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-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

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.