

HPD UNIQUE IDENTIFIER: 28801

CLASSIFICATION: 09 51 23 Acoustical Tile Ceilings

PRODUCT DESCRIPTION: OWA mineral tiles based on bio-soluble mineral wool, are free of asbestos and produced without formaldehyde and are 100 % recyclable. Medium-textured dispersions painted ceilings offers good absorption and attenuation, light reflectance and durability. OWA ceiling tiles are available in the following different sizes and systems: • Finetta / Finetta High NRC • Cosmos/N • Cosmos/O • NEW Sandila/N • NEW Sandila NRC • Constellation • Harmony • Sanitas 02 | Plain

**Section 1: Summary**

**Basic Method / Product Threshold**

**CONTENT INVENTORY**

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

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

**OWACOUSTIC® PAINTED CEILING TILES [ MINERAL WOOL, BIOSOLUBLE AND WITH ALKALINE OXIDE AND ALKALINE EARTH OXIDE CONTENT > 18 % BY WEIGHT Not Screened CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE (MINERAL WOOL, BIOSOLUBLE AND WITH ALKALINE OXIDE AND ALKALINE EARTH OXIDE CONTENT > 18 % BY WEIGHT) LT-UNK CLAY NoGS PERLITE LT-UNK STARCH LT-UNK LIMESTONE, CALCIUM CARBONATE BM-3dg 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: Decret Etiquetage A+

VOC emissions: AgBB evaluation scheme (2008) and guidelines of the DIBt (2004)

VOC emissions: Cradle to Cradle Certified - Bronze (V3.1)

VOC emissions: Eurofins Confirmation LEEDv4 EQ - Low emitting products - wet applied - DiBt/AgBB/SCAQMD

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-06-20

PUBLISHED DATE: 2022-06-20

EXPIRY DATE: 2025-06-20

## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### OWACOUSTIC® PAINTED 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 seven different systems of OWAcoustic painted 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: Not Registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

#: 40.0000 - 50.0000 GS: Not Screened RC: Both NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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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.

#### CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE (MINERAL WOOL, BIOSOLUBLE AND WITH ALKALINE OXIDE AND ALKALINE EARTH OXIDE CONTENT > 18 % BY WEIGHT)

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-06-20 8:10:13

#: 40.0000 - 50.0000 GS: LT-UNK RC: Both NANO: No SUBSTANCE ROLE: Structure component

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

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 8:10:14**%: **22.0000 - 27.0000** 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:

**PERLITE**

ID: 93763-70-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-20 8:10:14**%: **10.0000 - 15.0000** 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 8:10:15**%: **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 8:10:15**%: **5.0000 - 7.0000** 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 %.

**CELLULOSE PULP**

ID: 65996-61-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-20 8:10:16**%: **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:

**UNDISCLOSED**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**%: **0.1000 - 2.0000** 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.

**UNDISCLOSED**ID: **Undisclosed**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.*

<b>VOC EMISSIONS</b>	<b>Decret Etiquetage A+</b>		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: All locations CERTIFICATE URL:	ISSUE DATE: 2013-05- 27	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins Product Testing A/S
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.			
<b>VOC EMISSIONS</b>	<b>AgBB evaluation scheme (2008) and guidelines of the DIBt (2004)</b>		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: All locations CERTIFICATE URL:	ISSUE DATE: 2009-10- 06	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins Product Testing A/S
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).			
<b>VOC EMISSIONS</b>	<b>Cradle to Cradle Certified - Bronze (V3.1)</b>		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: All locations CERTIFICATE URL:	ISSUE DATE: 2020-06- 04	EXPIRY DATE: 2022- 02-25	CERTIFIER OR LAB: EPEA GmbH
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 Cosmos • OWAacoustic New Sandila			
<b>VOC EMISSIONS</b>	<b>Eurofins Confirmation LEEDv4 EQ - Low emitting products - wet applied - DiBt/AgBB/SCAQMD</b>		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: All locations CERTIFICATE URL:	ISSUE DATE: 2016-10- 31	EXPIRY DATE:	CERTIFIER OR LAB: Eurofins Product Testing A/S
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/m <sup>3</sup> in both office and class room (see test report no. G06712E).			
<b>VOC EMISSIONS</b>	<b>Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)</b>		
CERTIFYING PARTY: Second Party APPLICABLE FACILITIES: All locations CERTIFICATE URL:	ISSUE DATE: 2018-01- 22	EXPIRY DATE: 2023- 01-21	CERTIFIER OR LAB: Institut Bauen und Umwelt e.V.
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/>

#### CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

The OWAacoustic painted 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  
**PHONE:** +49 93 73 201-161  
**EMAIL:** [thomas.hoellein@owa.de](mailto:thomas.hoellein@owa.de)

*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-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	

**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.*