

CLASSIFICATION: 09 84 00 Finishes: Acoustic Room Components

PRODUCT DESCRIPTION: BASWA Phon is the industry leading sound absorbing plaster system, with the most robust specification portfolio. NRCs of 1.00+ position BASWA Phon as the most sound absorptive plaster on the market. Additionally, BASWA Phon Acoustical Plaster Systems boast high light reflectance and high R-value, no VOCs, are California Section 01350 compliant, and are mold, moisture, and mildew resistant. BASWA Systems are Swiss engineered, with components made in the USA. BASWA Phon can be applied to a surface of up to 5,000 square feet without a control joint. Furthermore, BASWA Phon can be applied to flat, curved, domed, or vaulted surfaces in any color. The factory sanded BASWA Phon Supporting Panels are pre-coated with durable, recycled glass granulate. BASWA finishes are composed of a monolithic, smooth, marble aggregate. BASWA Phon Panels are butted together, creating beveled seams which are filled with BASWA Fill. Once dry, one to two coats of BASWA Base Finish or BASWA Fine Finish is hand trowel applied over the entire surface. This HPD covers BASWA Phon Acoustical Panels.

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.

Screened Yes Ex/SC Yes No
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
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

BASWA PHON ACOUSTICAL PANEL [FIBER GLASS, BIOINSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT >18 % BY WEIGHT LT-UNK | CAN GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) LT-UNK ALUMINA TRIHYDRATE BM-2 | RES PROPRIETARY INGREDIENT 1 NoGS PROPRIETARY INGREDIENT 2 NoGS PROPRIETARY INGREDIENT 3 LT-UNK PROPRIETARY INGREDIENT 4 LT-UNK LIMESTONE; CALCIUM CARBONATE LT-UNK PROPRIETARY INGREDIENT 5 NoGS PROPRIETARY INGREDIENT 6 LT-1 | PBT | CAN | MUL PROPRIETARY INGREDIENT 7 LT-P1 | MUL PROPRIETARY INGREDIENT 8 LT-P1 | MUL PROPRIETARY INGREDIENT 9 NoGS SILICA, AMORPHOUS LT-P1 | CAN]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1.1, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1). Substances not "Identified" are those considered proprietary to suppliers, and thus are "Undisclosed" 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: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**
VERIFIER:
VERIFICATION #:

SCREENING DATE: **2019-02-18**
PUBLISHED DATE: **2019-02-18**
EXPIRY DATE: **2022-02-18**



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

BASWA PHON ACOUSTICAL PANEL

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER PRODUCT NOTES: Acoustic panels for bonding to ceilings and walls. Tiles made from creped glass wool insulation with high compression strength. Percent by weight of substances given as range due to various Acoustical Panel thicknesses available (26, 36, 46, 66 mm).

FIBER GLASS, BIOINSOLUBLE 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: 2019-02-18

#: 40.9000 - 66.7000

GS: LT-UNK

RC: Both

NANO: No

ROLE: Core Substrate

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer

SUBSTANCE NOTES: Supplier has confirmed use of approximately 80% pre- and post-consumer recycled glass.

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-18

#: 25.0000 - 47.0000

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Micro-porous Topcoat

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Expanded glass granules. Supplier has confirmed 100% post-consumer content from recycled glass.

ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-18

%: **1.7000 - 3.1000**

GS: **BM-2**

RC: **None**

NANO: **No**

ROLE: **Flame Retardant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-2 was provided by the HPD Builder Tool.

PROPRIETARY INGREDIENT 1

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2019-02-18**

%: **1.0000 - 5.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Binder Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PROPRIETARY INGREDIENT 2

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2019-02-18**

%: **1.0000 - 5.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Binder Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PROPRIETARY INGREDIENT 3

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2019-02-18**

%: **1.0000 - 3.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Binder Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PROPRIETARY INGREDIENT 4

ID: **Undisclosed**

%: **1.0000 - 3.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Acrylic Polymer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

LIMESTONE; CALCIUM CARBONATEID: **1317-65-3**%: **0.6000 - 1.1000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Crushed Marble Aggregate**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Crushed marble (metamorphic limestone) with high purity (99.5% CaCO₃). May also be represented by CASRN 471-34-1 (BM-3 | NO). Supplier has confirmed that SiO₂ is present at less than 1000 ppm, and according to the regulation (EU) No 1272/2008, this ingredient does not contain any fine fraction classified as STOT RE1.

PROPRIETARY INGREDIENT 5ID: **Undisclosed**%: **0.5000 - 1.5000**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Binder Component**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PROPRIETARY INGREDIENT 6ID: **Undisclosed**%: **0.1000 - 1.0000**GS: **LT-1**RC: **None**NANO: **No**ROLE: **De-Dusting Oil**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PROPRIETARY INGREDIENT 7

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-02-18		
%: 0.1000 - 0.5000	GS: LT-P1	RC: None	NANO: No	ROLE: Binder Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PROPRIETARY INGREDIENT 8

ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-02-18		
%: 0.1000 - 0.2000	GS: LT-P1	RC: None	NANO: No	ROLE: Binder Component
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

PROPRIETARY INGREDIENT 9

ID: **Undisclosed**

%: **0.0100 - 0.1000**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Thickener**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement with third-party preparer; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

SILICA, AMORPHOUSID: **7631-86-9**%: **Impurity/Residual**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

Japan - GHS

Carcinogenicity - Category 1A

CANCER

Australia - GHS

H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Potential Residual/Impurity of Glass / Mineral Fiber (post-consumer recycled) and SOLID GLASS and GLASS / MINERAL FIBER, as predicted by process chemistry (Pharos CML).

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 V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2012-**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkeley**

APPLICABLE FACILITIES: **All**

06-21

Analytical

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **VOC Emission Test Certificate. Certificate No: 120621-01. Reference Standard: California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010 (Emission testing method for CA Specification 01350). The results of the test are presented in Berkeley Analytical report, 386-004-04AA-Jun2112. Results: Classroom and Office - Individual VOCs of Concern: Compliant; Formaldehyde: Compliant.**

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.

BASWA BASE FINISH

HPD URL: <https://hpdrepository.hpd-collaborative.org/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Installation of BASWA Phon Acoustical System.

BASWA FINE FINISH

HPD URL: <https://hpdrepository.hpd-collaborative.org/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Installation of BASWA Phon Acoustical System.

BASWA FILL

HPD URL: <https://hpdrepository.hpd-collaborative.org/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Installation of BASWA Phon Acoustical System.

BASWA PANEL ADHESIVE

HPD URL: <https://hpdrepository.hpd-collaborative.org/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Installation of BASWA Phon Acoustical System.

Section 5: General Notes



MANUFACTURER INFORMATION

MANUFACTURER: **BASWA acoustic**
 ADDRESS: **Marmorweg 10**
Baldegg Lucerne 6283, Switzerland
 WEBSITE: **www.baswa.com**

CONTACT NAME: **Bernhard Hanisch**
 TITLE: **Operations Manager**
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 EMAIL: **bernhard.hanisch@baswa.com**

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.