BAUX Acoustic Pulp by BAUX AB

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 83 13 Acoustic Wall Coating

PRODUCT DESCRIPTION: BAUX Acoustic Pulp is 100% bio-based and respectfully sourced from nature. The material is generated by modifying cellulosic fibers in a way that drastically moves the boundaries of cellulosic material properties to a completely new level. It's harmless for us, it's harmless for the environment. All harmful chemicals have been replaced with nature's own magic. . BAUX Acoustic Pulp is the result of more than 25 years of biomimicry focused research and development. Biomimicry is a design approach that seeks sustainable solutions based on the idea that the answers already reside within nature itself. The research for our particular product comes from the Royal Institute of Technology in Sweden.

Section 1: Summary

Nested Method / Material 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

Residuals/Impurities Considered in 0 of 3 Materials

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

CELLULOSE (PINE & SPRUCE) [CELLULOSE PULP NoGS]
SC:BIO:BIOBINDER5101 [STARCH (POTATO STARCH) LT-UNK SC:WAX Not Screened CITRUS AUSTRALASICA FRUIT EXTRACT NoGS] WHEAT BRAN [WHEAT, EXT. LT-P1 | MUL]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special conditions applied: BiologicalMaterial

[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.

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 Indoor Air Comfort GOLD - certified product

CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

- ( ) Yes
- (•) No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2019-12-20
PUBLISHED DATE: 2020-01-06
EXPIRY DATE: 2022-12-20

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

CELLULOSE (PINE & SPRUCE)

%: 94.00 - 99.00

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: 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 MATERIAL NOTES:

CELLULOSE PULP

ID: 65996-61-4

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

HAZARD SCREENING DATE: **2019-12-20**

%: **69.00 - 99.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Matrix**

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

SUBSTANCE NOTES: Cellulose from Pine and Spruce, FSC and PEFC marked.

SC:BIO:BIOBINDER5101

%: 0.00 - 1.00

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: 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 MATERIAL NOTES: SpecialConditionApplied:BiologicalMaterial --- Certified according to ISO 9001, ISO 14001 and ISO 50001. Members of the UN Global Compact Group.

STARCH (POTATO STARCH)

ID: 9005-25-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-20**

%: **40.00 - 45.00** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Add**

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

SUBSTANCE NOTES: Solanum tuberosum

SC:WAX

ID: SC:Bio

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-20**

%: **40.00 - 45.00** GS: **Not Screened** RC: **None** NANO: **No** ROLE: **ADD**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	Hazard Screening not performed	

SUBSTANCE NOTES:
Version: SCBioMats/2018-02-23
Category: Plant-based materials
Identifier: Undisclosed - proprietary

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

CITRUS AUSTRALASICA FRUIT EXTRACT

ID: 1174331-57-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-20**

%: **10.00 - 20.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **add**

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

SUBSTANCE NOTES:

WHEAT BRAN

%: 0.00 - 5.00

MATERIAL THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: 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 MATERIAL NOTES:

WHEAT, EXT.

ID: 84012-44-2

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

HAZARD SCREENING DATE: **2019-12-20**

%: **0.00 - 30.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Matrix & Visual Look**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: **EU legislation controlled, non-GMO**

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 Indoor Air Comfort GOLD - certified product**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Eurofins Product Testing A/S Smedeskovvej 38 8464 Galten Denmark
CERTIFICATE URL:

ISSUE DATE: 2019-08-22

EXPIRY DATE: 2024-08-22

CERTIFIER OR LAB: Eurofins Product Testing A/S

CERTIFICATION AND COMPLIANCE NOTES: BREEAM: Exemplary Level LEED v4.1: Compliant Indoor Air Comfort Gold: Pass

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.

PATTEX NO MORE NAILS WATER RESISTANT (HENKEL) HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Mounting can be done with screws or with adhesive.

Section 5: General Notes

BAUX Acoustic Pulp come in three versions with different amount of Wheat Bran 0%, 5% and 30%.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **BAUX AB**
ADDRESS: **Östermalmsgatan 26**
Stockholm Stockholm 11426, Sweden
WEBSITE: **www.baux.se**

CONTACT NAME: **Fredrik Franzon**
TITLE: **Managing Director**
PHONE: **0046 703002955**
EMAIL: **fredrik@baux.se**

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
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
OZO Ozone depletion
PBT Persistent Bioaccumulative Toxic
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (insuficient data to benchmark)
LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
NoGS Unknown (no data on List Translator Lists)

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.