Betomix Plus®
by Daubois Products Inc.

SCREENING DATE: 2026-05-26
PUBLISHED DATE: 2026-05-26
EXPIRY DATE: 2029-05-26
PREPARER: Vertima

Health Product Declaration v3.0
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 133737667584
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 04 05 13 Masonry Mortaring
PRODUCT DESCRIPTION: This HPD covers the entire range of Betomix Plus® products by Daubois Products Inc. Betomix Plus® is a mortar containing Portland Limestone Cement Type GUL, Type SA hydrated lime, sand, and pigment, meeting the CSA A179 specifications. Betomix Plus® is mainly used for laying bricks, architectural blocks, or stones. It can also be used as a parging mix to cover foundations. Betomix Plus® is available in Type N, Type O, and Type S.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
→ Nested Materials Method

Threshold Disclosed Per
→ Product

Threshold Level
→ 1,000 ppm

Residuals/Impurities Evaluation
Completed in **6** of **6** Materials

Explanation(s) provided for Residuals/Impurities?
Yes

For all contents above the threshold, the manufacturer has:

Characterized Yes
Provided weight and role.

Screened Yes
Provided screening results using HPDC-approved methods.

Identified Yes
Provided name and CAS RN or other identifier.

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.

NESTED MATERIAL | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*
GREENSCREEN SCORE | HAZARD TYPE

SAND [SAND NoGS **] PORTLAND CEMENT [PORTLAND CEMENT** LT-P1 | CAN | END | MAM | EYE | SKI **LIMESTONE** BM-3dg **PHOSPHOGYPSUM** BM-3dg | MAM **] TYPE S HYDRATED LIME [CALCIUM HYDROXIDE** LT-P1 | SKI | MAM | EYE **MAGNESIUM OXIDE** BM-3dg | CAN | MAM **] BLACK PIGMENT [FERROSOFERRIC OXIDE** BM-1 | CAN **] RED PIGMENT [FERRIC OXIDE** BM-1 | CAN | MAM **] YELLOW PIGMENT [FERRIC OXIDE, YELLOW** LT-UNK **]**

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.

Special Conditions Applied: Geological Material [LEED v4] The "Yes ex/SC" result applies only to materials and substances for which special conditions were applied. Therefore, "Yes ex/SC" does not disqualify the product from the LEED v4 Materials and Resources Disclosure and Optimization credit, Option 1. The HPD was prepared using a Nested Materials Inventory with a product threshold of 1,000 ppm. Admixtures are added to Betomix Plus® formulations but are present in the final product below the 1,000 ppm disclosure threshold and, therefore, were not disclosed. The content inventory includes ranges to protect Daubois' proprietary formulations. Betomix Plus® contains geological materials, which are defined as materials with special conditions (substances without an ID) according to the HPDC. The geological materials in Daubois products have been reported under SCGeoMats/2023-07-20. Substances present in Betomix Plus®, as well as known residuals and impurities, have been disclosed at 1,000 ppm. Further details on how residuals and impurities were considered are available in the appropriate sections.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method - Not tested

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

SAND — %: 77.0000 - 84.4000

PRODUCT THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: According to the supplier's information, no evaluation of residuals or impurities has been conducted for the sand used.

OTHER MATERIAL NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

SAND — ID: 308075-07-2

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** | HAZARD SCREENING DATE: **2026-05-26 7:26:47**

%: **100.0000** | GreenScreen: **NoGS** | RC: **None** | NANO: **No** | SUBSTANCE ROLE: **Abrasion resistance**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: According to the supplier, there is no recycled content in this substance.

PORTLAND CEMENT — %: 8.5000 - 17.5000

PRODUCT THRESHOLD: 1000 ppm | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: According to the information provided by the supplier, no evaluation of residuals or impurities has been conducted for the Portland cement used.

OTHER MATERIAL NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

PORTLAND CEMENT — ID: 65997-15-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** | HAZARD SCREENING DATE: **2026-05-26 7:26:49**

%: **85.0000** | GreenScreen: **LT-P1** | RC: **Both** | NANO: **No** | SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: According to the information provided by the supplier, the recycled content percentage of this substance is as follows:
- Pre-consumer: 1.6%
- Post-consumer: 1.6%

LIMESTONE

ID: **1317-65-3**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-26 7:26:50**

%: **10.0000** GreenScreen: **BM-3dg** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: According to the information provided by the supplier, there is no recycled content in the limestone used.

PHOSPHOGYPSUM

ID: **13397-24-5**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-26 7:26:50**

%: **5.0000** GreenScreen: **BM-3dg** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: According to the information provided by the supplier, the recycled content percentage of this substance is as follows:
- Pre-consumer: 16%

TYPE S HYDRATED LIME

%: 4.0000 - 7.0000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: According to the information provided by the supplier, no evaluation of residuals or impurities has been conducted for the lime used.

OTHER MATERIAL NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

CALCIUM HYDROXIDE

ID: **1305-62-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-05-26 7:26:51**

%: **50.0000 - 75.0000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Cosmetics & Personal Care Products
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Flame Retardants

SUBSTANCE NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

MAGNESIUM OXIDE ID: **1309-48-4**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-26 7:26:50**

%: **25.0000 - 50.0000** GreenScreen: **BM-3dg** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

BLACK PIGMENT **%: 0.5100 - 1.4600**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Other: Coloring agent

RESIDUALS AND IMPURITIES NOTES: According to the information provided by the supplier, the black pigment contains two types of impurities: - Water (<1.5%) - Water-soluble salts (<0.5%)

OTHER MATERIAL NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

FERROSOFERRIC OXIDE ID: **1317-61-9**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-26 7:26:51**

%: **95.0000 - 100.0000** GreenScreen: **BM-1** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: According to the information provided by the supplier, the recycled content percentage of this substance is as follows: - Pre-consumer: >93%
The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

RED PIGMENT **%: 0.0800 - 1.0000**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Other: Coloring agent

RESIDUALS AND IMPURITIES NOTES: According to the information provided by the supplier, the red pigment contains two types of impurities: - Water (<1%) - Water-soluble salts (<0.5%)

OTHER MATERIAL NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

FERRIC OXIDE ID: **1309-37-1**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-26 7:26:51**

%: **95.0000 - 100.0000** GreenScreen: **BM-1** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: According to the information provided by the supplier, the recycled content percentage of this substance is as follows: - Pre-consumer: >90%
The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

YELLOW PIGMENT **%: 0.1600 - 0.7600**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Other: Coloring agent

RESIDUALS AND IMPURITIES NOTES: According to the information provided by the supplier, the yellow pigment contains two types of impurities: - Water (<0.5%) - Water-soluble salts (<0.5%)

OTHER MATERIAL NOTES: The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

FERRIC OXIDE, YELLOW ID: **51274-00-1**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-05-26 7:26:52**

%: **99.0000 - 100.0000** GreenScreen: **LT-UNK** RC: **PreC** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: According to the information provided by the supplier, the recycled content percentage of this substance is as follows: - Pre-consumer: >93%
The weight percentage range is used to account for product variability and/or to protect the confidentiality of the material composition in the manufacturing process.

Section 3: 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 - Not tested	
COMPLIANCE TYPE: Self-declared	**ISSUE DATE:** 2025-02-28	**EXPIRY DATE:** No expiration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: All		
COMPLIANCE URL:		
COMPLIANCE NOTES:		

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

Ranges are provided for each material to account for variations in the Betomix Plus® product series, including differences in color, ingredients, and weight percentages.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Daubois Products Inc.**
ADDRESS: **6155 Boulevard des Grandes Prairies**
Saint-Léonard, Quebec H1P 1A5
COUNTRY: **Canada**

WEBSITE: **https://www.daubois.com/en/**
CONTACT NAME: **Messan AYITE ZONNON**
TITLE: **Responsable Contrôle Qualité**
PHONE: **+1 450 328 3326**
EMAIL: **messan.ayite-zonnon@daubois.com**

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

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown
NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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 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.