Architectural Concrete Masonry Units - With pigment group 3 by Jandris Block

Health Product Declaration v2.3

Yes ○ No

Yes ○ No

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 92735889408

CLASSIFICATION: 04 22 23 Architectural Concrete Unit Masonry

PRODUCT DESCRIPTION: Architectural Concrete Masonry Unit with group 3 pigments. Units may be smooth face, split face, ground face,

polished or weathered (textured) polished.



Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting

Format

C Nested Materials Method

Basic Method

Threshold Disclosed Per

Material

Product

Threshold Level

C 1,000 ppm C Per GHS SDS

C Other

Residuals/Impurities Evaluation

Completed

C Partially Completed

Not Completed

Explanation(s) provided:

Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized

Provided weight and role.

Screened

Provided screening results using HPDC-approved

methods.

Identified

○ Yes
○ No

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

ARCHITECTURAL CONCRETE MASONRY UNITS - WITH PIGMENT GROUP 3 [GRAVEL NOGS PORTLAND CEMENT LT-P1 | CAN | END | MAM FERRIC OXIDE, YELLOW LT-UNK FERRIC OXIDE BM-1 | CAN | MAM DICHROMIUM TRIOXIDE (PRIMARY CASRN IS 1308-38-9) BM-1 | SKI | MAM FERROSOFERRIC OXIDE BM-1 | CAN]

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

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

LT-P1, BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The threshold is defined for the entire product.

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: inherently non-emitting source per LEED LCA: environmental product declaration (EPD) by Climate Earth

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Third Party Verified?

Yes No

PREPARER: Self-Prepared

VERIFIER: **VERIFICATION #:** SCREENING DATE: 2023-10-11 **PUBLISHED DATE: 2023-10-11** EXPIRY DATE: 2026-10-11



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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

ARCHITECTURAL CONCRETE MASONRY UNITS - WITH PIGMENT GROUP

3

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED:

Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on process chemistry via Quartz Project Database and/or Pharos. No Residuals or Impurities are expected to be present at or above Content Inventory Threshold.

OTHER PRODUCT NOTES: Architectural concrete masonry units are used for both structural and non-structural wall applications, for both interiors and exteriors. These units conform to ASTM C-90.

GRAVEL				ID: Not registered
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD SO	CREENING DATE: 2023-10-11 16:23:29
%: 88.0000 - 90.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnir	ngs found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No lis	tings found on Additional Hazard Lists

SUBSTANCE NOTES: Coarse and fine aggregates conform to ASTM C33 or C331. Percentage range based on requirements of mix design.

PORTLAND CEMENT					ID: 65997-15-1	
HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZARD S	CREENING DATE:	2023-10-11 16:23:29	
%: 8.0000 - 10.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE F	ROLE: Binder	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS			
CAN	MAK	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
END	TEDX - Potential Endocrine I	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
MAM	GHS - Japan	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
МАМ	GHS - Japan		repeated exposur	nmage to organs three [Specific target or repeated exposure	rgans/systemic	

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Portland cement conforms to ASTM C150. Percentage ranges are determined by the performance requirements of the mix design.

FERRIC OXIDE, YELLOW ID: 51274-00-1

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2023-10-11 16:23:29
%: 0.0000 - 0.6500	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnii	ngs found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No lis	stings found on Additional Hazard Lists

SUBSTANCE NOTES: The range of percentages is determined by the color load of the mix design. The CMU may or may not contain this pigment.

FERRIC OXIDE ID: 1309-37-1

HAZARD DATA SOURCE:	AZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-10-11 16:23:29		
%: 0.0000 - 0.6500	GreenScreen: BM-1	RC: None	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			amage to organs [Specific target toxicity following single exposure -		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION			
None found			No li	stings found on Additional Hazard Lists		

SUBSTANCE NOTES: The range of percentages is determined by the color load of the mix design. The CMU may or may not contain this pigment.

DICHROMIUM TRIOXIDE (PRIMARY CASRN IS 1308-38-9)

ID: 1610419-57-2

HAZARD DATA SOURCE: Phare	D DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-10-11 16:23:30		
%: 0.0000 - 0.5400	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
SKI MAK		Sensitizing Substance Sh - Danger of skin sensitization			
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	vation	0_0 0000	roduct Standard Restricted	
			Biological and Env	rironmentally Released Materials	
RESTRICTED LIST	Cradle to Cradle Products Inno Institute (C2CPII)	vation	0_0 000	roduct Standard Restricted RSL) - Effective July 1, 2022	
			Children's Product	ts	

SUBSTANCE NOTES: The range of percentages is determined by the color load of the mix design. The CMU may or may not contain this pigment.

FERROSOFERRIC OXIDE		ID: 1317-61-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-10-11 16:23:29		
%: 0.0000 - 0.2500	GreenScreen: BM-1	RC: None	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 li	istings found on Additional Hazard Lists	

SUBSTANCE NOTES: The range of percentages is determined by the color load of the mix design. The CMU may or may not contain this pigment.

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 inherently non-emitting source per LEED

CERTIFYING PARTY: Self-declared

APPLICABLE FACILITIES: Jandris Block - Gardner MA

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

EXPIRY DATE:

ISSUE DATE: 2020-06-04

CERTIFIER OR LAB: None

environmental product declaration (EPD) by Climate Earth

CERTIFYING PARTY: Third Party ISSUE DATE: 2022-03-15 CERTIFIER OR LAB: ASTM

APPLICABLE FACILITIES: Jandris Block - Gardner MA EXPIRY DATE: 2027-03-15 International

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Each Jandris mix design has a 3rd party verified product specific EPD.



LCA

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.

MORTAR

MANUFACTURER (OR GENERIC): Generic

HPD URL: https://hpdrepository.hpd-collaborative.org/repository/HPDs/116_QUIKRETE_Mason_MIx.pdf

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Required to build masonry walls.

MASONRY JOINT REINFORCEMENT

MANUFACTURER (OR GENERIC): Generic

HPD URL: https://hpdrepository.hpd-collaborative.org/repository/HPDThumbnails/112D15F922A3B4D1BCF541F882DA83AE.jpg ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Recommended for structural or veneer concrete masonry to minimize shrinkage cracks.

MASONRY GROUT

MANUFACTURER (OR GENERIC): Generic

HPD URL: https://hpdrepository.hpd-collaborative.org/repository/HPDThumbnails/5DFD68F536F250FAFF17A6C815E57AF8.jpg ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: May be required if cores are reinforced and grouted.

REINFORCEMENT

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD available

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: May be required if cores are reinforced and grouted.

Section 5: General Notes



MANUFACTURER INFORMATION

MANUFACTURER: Jandris Block ADDRESS: 202 High Street Gardner, MA 01440

COUNTRY: USA

WEBSITE: https://ajandris.com CONTACT NAME: Heidi Jandris TITLE: Technical Services PHONE: 978-632-0089 EMAIL: heidi@ajandris.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 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

