## **Durock® Brand Cement Board with EdgeGuard™** by USG

**Health Product** Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 6201187058688

CLASSIFICATION: 09 28 00 Backing Boards and Underlayments

PRODUCT DESCRIPTION: USG DUROCK® BRAND CEMENT BOARD IS MOISTURE AND MOLD RESISTANT MAKING IT THE PERFECT CHOICE FOR TILE AND FLOORING IN BATHS, KITCHENS AND LAUNDRY ROOMS. USG DUROCK® BRAND CEMENT BOARD CUTS EASILY AND

INSTALLS QUICKLY WITH USG DUROCK™ BRAND TILE BACKER SCREWS, SELF-DRILLING FASTENERS OR NAILS.



## 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 100 ppm

€ 1,000 ppm

Other

C Per GHS SDS

Residuals/Impurities Evaluation

Completed

C Partially Completed

Not Completed

Explanation(s) provided:

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Provided weight and role.

Screened

Yes ○ No

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

DUROCK® BRAND CEMENT BOARD WITH EDGEGUARD™ [ PORTLAND CEMENT LT-P1 | CAN | END | MAM EXPANDED SHALE NoGS FLY ASH LT-UNK PERLITE LT-UNK | EYE GYPSUM BM-3dg | MAM SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END | MAM | EYE | SKI UNDISCLOSED LT-P1 | PBT QUARTZ BM-1 | CAN | MAM | GEN UNDISCLOSED LT-UNK | EYE | CAN | MAM ]

Number of Greenscreen BM-4/BM3 contents ... 1

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

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.

Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

### **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: NA

### **CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

Third Party Verified?

Yes No

PREPARER: Self-Prepared

VFRIFIFR:

**VERIFICATION #:** 

SCREENING DATE: 2025-06-02 PUBLISHED DATE: 2025-06-02 EXPIRY DATE: 2028-06-02

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

### DUROCK® BRAND CEMENT BOARD WITH EDGEGUARD™

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Raw materials in this product contain respirable crystalline silica as an impurity. Exposures to respirable crystalline silica during the normal use of this product must be determined by workplace hygiene testing. Percent may change due to manufacturing variations. Residuals/Impurities considered at 1000 ppm.

OTHER PRODUCT NOTES: This product is manufactured at Baltimore, MD, Detroit, MI, and New Orleans, LA.

PORTLAND CEMENT

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-06-02 12:46:15

%: 30.0000 - 50.0000

GreenScreen: LT-P1

RC: None NANO: No SUBSTANCE ROLE: Structure component

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] ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

SUBSTANCE NOTES: Percent range due to manufacturing variations. This raw material may contain trace amounts of quartz. See the quartz

PUMICE ID: 1332-09-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

%: 30.0000 - 40.0000 ALT

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Filler

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

None found

impurity/residual entry for more information.

No listings found on Additional Hazard Lists

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

ALTERNATE: This substance is an alternate substance to Expanded Shale.

EXPANDED SHALE ID: 68476-95-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-06-02 12:46:16 %: 0.0000 - 40.0000 GreenScreen: NoGS 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: This raw material accounts for one of the raw materials that may be used as a primary aggregate. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

FLY ASH ID: 68131-74-8

HAZARD DATA SOURCE: F	Pharos Chemical and Materials Library	/	HAZARD S	CREENING DATE: 2025-06-02 12:46:16
%: 0.0000 - 15.0000	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No wari	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

PERLITE ID: 93763-70-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-06-02 12:46:17		
%: 5.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Filler	

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This raw material may contain trace amounts of quartz. See the quartz impurity/residual entry for more information.

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZ	ZARD SCREENING DATE: 2025-06-02 12:46:16
%: 3.0000 - 5.0000	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNING	gs .
MAM	GHS - Japan			y cause respiratory irritation [Specific target city - Single exposure - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICA	TION
None found				No listings found on Additional Hazard Lists

 ${\tt SUBSTANCE\ NOTES: This\ raw\ material\ may\ contain\ trace\ amounts\ of\ quartz.\ See\ the\ quartz\ impurity/residual\ entry\ for\ more\ information.}$ 

### **SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

**GYPSUM** 

ID: **65997-17-3** 

ID: 13397-24-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	ary	HAZARD S	CREENING DATE: 2025-06-02 12:46:17
%: 1.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European ( EC)	Commission (EU	EU - REACH Exer	nptions
	<del>,</del>		Exempted from RE safety	EACH Annex V listing due to intrinsic

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

UNDISCLOSED ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-06-02 12:46:17

%: 0.5000 - 1.0000	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Activator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
POSITIVE LIST	US Environmental Protection EPA)	Agency (US	US EPA - DfE Saf	er Chemicals Ingredients list (SCIL)
	21719		Chelating Agents	- Green Circle (Verified Low Concern)
POSITIVE LIST	US Environmental Protection EPA)	Agency (US	US EPA - DfE Saf	er Chemicals Ingredients list (SCIL)
	, ,		Preservatives-Anti Concern)	ioxidants - Green Circle (Verified Low

SUBSTANCE NOTES: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZ	ZARD SCREENING DATE: 2025-06-02 12:46:18
%: 0.1000 - 0.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE		WARNING	gs .
None found				No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICA	TION
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: F	Pharos Chemical and Materials Librar	у	HAZAI	RD SCREENING DATE: 2025-06-02 12:46:18
%: 0.1000 - 0.5000	GreenScreen: LT-P1	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Processing regulator

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Some Solvents
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024
		Cosmetics and Personal Care Products

SUBSTANCE NOTES: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

HAZARD DATA SOURCE: F	Pharos Chemical and Materials Library		HAZARD S	SCREENING DATE: 2025-06-02 12:46:18
%: 0.0000 - 0.5000	GreenScreen: LT-P1	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PBT	EC - CEPA DSL		Persistent, Bioacc	cumulative and inherently Toxic (PBiTH)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists

SUBSTANCE NOTES: Proprietary ingredient. Living Building Challenge Red List v4 substance. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

QUARTZ ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-06-02 12:46:18

%: 0.1000 - 0.4000	GreenScreen: BM-1	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Impurity/Residual		
HAZARD TYPE	LIST NAME AND SOURCE	E	WARNINGS			
CAN	US CDC - Occupational Ca	arcinogens	Occupational C	Carcinogen		
CAN	CA EPA - Prop 65		Carcinogen - s	pecific to chemical form or exposure route		
CAN	US NIH - Report on Carcin	ogens	Known to be H	uman Carcinogen (respirable size - etting)		
CAN	MAK		Carcinogen Gr man	oup 1 - Substances that cause cancer in		
CAN	IARC		Group 1 - Agent is carcinogenic to humans - inhaled fror occupational sources			
CAN	IARC		Group 1 - Agent is Carcinogenic to humans			
CAN	US NIH - Report on Carcin	ogens	Known to be a human Carcinogen			
CAN	GHS - Japan		H350 - May cause cancer [Carcinogenicity - Category 1A]			
CAN	GHS - Australia	GHS - Australia		H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]		
CAN	GHS - New Zealand		Carcinogenicity category 1			
MAM	GHS - Japan	GHS - Japan		s damage to organs through prolonged or sure [Specific target organs/systemic toxicity ated exposure - Category 1]		
GEN	GHS - Japan		H341 - Suspected of causing genetic defects [Germ mutagenicity - Category 2]			
MAM	GHS - Australia	GHS - Australia		damage to organs through prolonged or sure [Specific target organ toxicity - sure - Category 1]		
MAM	GHS - New Zealand	GHS - New Zealand		organ toxicity - repeated exposure category		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	Ε	NOTIFICATION	N		
None found				No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Impurity found in naturally occurring raw materials.

UNDISCLOSED				ID: Undisclosed
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-06-02 12:46:19	
%: 0.0000 - 0.2000	GreenScreen: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Dispersant

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
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
None found		No listings found on Additional Hazard Lists

 ${\small \verb|SUBSTANCE| NOTES| Proprietary ingredient|. No residuals/impurities at 1000 ppm}$ 

# 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** 

NA

CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: NA

ISSUE DATE: 2019-01-01 00:00:00

CERTIFIER OR LAB: NA

**CERTIFICATE URL:** 

CERTIFICATION AND 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.

EXPIRY DATE:

No accessories are required for this product.

# Section 5: General Notes

Ingredient specific notes are included in Section 2.

#### **MANUFACTURER INFORMATION**

MANUFACTURER: USG

ADDRESS: 550 West Adams Street

Chicago, IL 60661 COUNTRY: United States WEBSITE: usg.com

CONTACT NAME: Stacy Simpson TITLE: Sustainability Manager PHONE: 1-800-USG4YOU EMAIL: sustainability@usg.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 HPD and

