

HPD UNIQUE IDENTIFIER: 1091536165888

CLASSIFICATION: 03 41 16 Precast Concrete Slabs

PRODUCT DESCRIPTION: IceStone is a pre-cast durable surface made from recycled glass, portland cement, and pigments. IceStone slabs measure 108" x 60" x 1.25", and are fabricated and installed according to specification by certified stone fabricators. The most common applications of IceStone are countertops, bathroom vanities, and commercial office work tops.

**Section 1: Summary**

**Nested Method / Product Threshold**

**CONTENT INVENTORY**

<p><b>Inventory Reporting Format</b></p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p><b>Threshold Disclosed Per</b></p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p><b>Threshold Level</b></p> <p><input type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input checked="" type="radio"/> Other</p>	<p><b>Residuals/Impurities Evaluation</b></p> <p>Completed in 4 of 4 Materials</p> <p><b>Explanation(s) provided for Residuals/Impurities?</b></p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>For all contents above the threshold, the manufacturer has:</i></p> <p><b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>Provided weight and role.</i></p> <p><b>Screened</b> <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>Provided screening results using HPDC-approved methods.</i></p> <p><b>Identified</b> <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p><i>Provided name and CAS RN or other identifier.</i></p>
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**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**

**GLASS [ RECYCLED GLASS (PRE-CONSUMER) Not Screened ]**

**PORTLAND CEMENT [ PORTLAND CEMENT LT-P1 | CAN | END | MAM**

**AMORPHOUS SILICA NoGS ] WATER [ WATER (PRIMARY CASRN IS 7732-18-5) BM-4 ] PIGMENT [ C.I. PIGMENT BLUE 28 (PRIMARY CASRN IS 1345-16-0) LT-1 | CAN | RES | GEN ]**

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

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

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

The HPD includes VOC testing results and SDS details.

**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) - Zero VOC emissions

Recycled content: Cradle to Cradle Certified - Silver (V3.1)

Recycled content: Cradle to Cradle Certified - Bronze (V3.1)

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2023-08-04

PUBLISHED DATE: 2023-08-04

EXPIRY DATE: 2026-08-04

## 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](http://www.hpd-collaborative.org/hpd-2-3-standard)

### GLASS %: 55.0000 - 75.0000

PRODUCT THRESHOLD: Other RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Glass

RESIDUALS AND IMPURITIES NOTES: Glass comprised of: Silicon Dioxide 65-81% Calcium oxide 5-15% Sodium oxide 12-15% Aluminum oxide 1-4% Iron oxide 0-0.5% Magnesium oxide 2-4% Potassium oxide 0.1-0.5% Other oxides

OTHER MATERIAL NOTES: Glass weight varies depending on the slab. Some slabs contain mother of pearl shells

### RECYCLED GLASS (PRE-CONSUMER)

ID: Not Registered

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: Not Screened

%: 55.0000 - 75.0000 GreenScreen: Not Screened RC: PreC NANO: No SUBSTANCE ROLE: Glass component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
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Hazard Screening not performed

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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Additional Hazard Screening not performed

SUBSTANCE NOTES: Pre consumer recycled glass. Inspected for cleanliness and sifted for any foreign particles. Glass comprised of: Silicon Dioxide 65-81% Calcium oxide 5-15% Sodium oxide 12-15% Aluminum oxide 1-4% Iron oxide 0-0.5% Magnesium oxide 2-4% Potassium oxide 0.1-0.5% Other oxides

### PORTLAND CEMENT %: 15.0000 - 30.0000

PRODUCT THRESHOLD: Other RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Other: Binder

RESIDUALS AND IMPURITIES NOTES: Portland cement comprised of: Tri-Calcium Silicate 20-70% Di-Calcium Silicate 10-60% Tetra-Calcium-Alumino-Ferrite 5-15% Calcium Sulfate 2-10% Tri-Calcium Aluminate 1-15% Magnesium Oxide 0-4% Sulfur 0-4% Titanium Compounds 0-1% Potassium Compounds 0-1% Calcium Oxide 0-0.2% Crystalline Silica 0-0.2% Chromates 0-0.005%

OTHER MATERIAL NOTES: Portland cement is the binder. The remaining material consists of recycled glass and sometimes mother of pearl shells.

**PORTLAND CEMENT**

ID: 65997-15-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-08-04 7:34:31**%: **15.0000 - 30.0000** GreenScreen: **LT-P1** RC: **None** 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	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

SUBSTANCE NOTES:

**AMORPHOUS SILICA**

ID: 112945-53-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-08-04 7:34:32**%: **1.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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:

**WATER**%: **5.0000 - 15.0000**PRODUCT THRESHOLD: **Other** RESIDUALS AND IMPURITIES EVALUATION COMPLETED: **Yes** MATERIAL TYPE: **Other: Water**

RESIDUALS AND IMPURITIES NOTES: No warnings found on HPD Priority lists

OTHER MATERIAL NOTES: **n/a**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-08-04 7:34:32**

%: **5.0000 - 15.0000** GreenScreen: **BM-4** 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
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety

SUBSTANCE NOTES:

**PIGMENT**

%: **0.0000 - 7.0000**

PRODUCT THRESHOLD: **Other** RESIDUALS AND IMPURITIES EVALUATION COMPLETED: **Yes** MATERIAL TYPE: **Other: Additive**

RESIDUALS AND IMPURITIES NOTES: **Non toxic pigment to provide background color**

OTHER MATERIAL NOTES: **n/a**

**C.I. PIGMENT BLUE 28 (PRIMARY CASRN IS 1345-16-0)**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-08-04 7:34:32**

%: **0.0000 - 7.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dye**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products

SUBSTANCE NOTES:

## 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.*

<b>VOC EMISSIONS</b>	<b>CDPH Standard Method V1.1 (Section 01350/CHPS) - Zero VOC emissions</b>	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: <a href="http://www.berkeleyanalytical.com">http://www.berkeleyanalytical.com</a> CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2011-09-26 EXPIRY DATE:	CERTIFIER OR LAB: Berkeley Analytical
<b>RECYCLED CONTENT</b>	<b>Cradle to Cradle Certified - Silver (V3.1)</b>	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: San Francisco, CA CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Applies to colors: Alpine White, Forest Fern, Fogbound, Amber Pearl, Pearl Grey, Sage Pearl, Sky Pearl, Snow Flurry, White Pearl, & Latte.	ISSUE DATE: 2021-07-19 EXPIRY DATE:	CERTIFIER OR LAB: Cradle to Cradle
<b>RECYCLED CONTENT</b>	<b>Cradle to Cradle Certified - Bronze (V3.1)</b>	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: Applies to colors: Sapphire Snow, Gotham Grey, & Cobalt Ice	ISSUE DATE: 2021-07-19 EXPIRY DATE:	CERTIFIER OR LAB: Cradle to Cradle

## 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

IceStone surfaces, as manufactured, are not classified as hazardous per GHS. If IceStone is further processed by grinding, cutting, or other technique, the following GHS classification may be applicable: GHS-US: CARC.1B H350. Follow the manufacturer's recommended guidelines if grinding, cutting, or processing IceStone surfaces in any way.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** IceStone  
**ADDRESS:** 63 Flushing Ave  
 Building 12  
 Brooklyn NY 11205, US  
**WEBSITE:** [www.icestoneusa.com](http://www.icestoneusa.com)

**CONTACT NAME:** Lisa Bowen  
**TITLE:** President  
**PHONE:** 7186244900  
**EMAIL:** [LBowen@icestoneusa.com](mailto:LBowen@icestoneusa.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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	

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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://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*

