NEW IceStone by IceStone

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 03 40 00 Precast Concrete

PRODUCT DESCRIPTION: IceStone is a pre-cast durable surface made from recycled glass, portland cement, and pigments. IceStone slabs measure 52.5" x 96" 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. There are 16 standard IceStone colors

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 3 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.

Screened ( ) Yes Ex/SC (•) Yes ( ) No

All substances screened using Priority Hazard Lists with results disclosed.

Identified ( ) Yes Ex/SC (•) Yes ( ) No

All substances disclosed by Name (Specific or Generic) and 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.

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

GLASS [GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) LT-UNK] CEMENT [PORTLAND CEMENT LT-P1 | END | CAN SILICA, AMORPHOUS LT-P1 | CAN] WATER [WATER BM-4 C.I. PIGMENT BLUE 28 LT-1 | RES | CAN | GEN]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The HPD includes VOC testing results, Cradle to Cradle and NSF certification documents, 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) - Classroom & Office scenario
Other: ANSI/NSF 51-2012 Food equipment materials
Multi-attribute: Cradle to Cradle Certified - Silver (V3.1)
Multi-attribute: 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: 2019-12-19
PUBLISHED DATE: 2019-12-20
EXPIRY DATE: 2022-12-19

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

GLASS

%: 75.00 - 75.00

MATERIAL THRESHOLD: Other

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

HPD URL: https://icestone-w44gik7masoytucikmmuiw7prdh4wh1en07wbtpskb.netdna-ssl.com/wp-content/uploads/2015/04/Icestone-SDS-US-11-19-14.pdf

OTHER MATERIAL NOTES: The content of this product was assessed for health hazard warnings as required using Pharos.

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

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

HAZARD SCREENING DATE: **2019-12-19**

%: **0.00 - 100.00** GS: **LT-UNK** RC: **PreC** NANO: **No** ROLE: **Aggregate**

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

SUBSTANCE 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

CEMENT

%: 15.00 - 30.00

MATERIAL THRESHOLD: Other

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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%

HPD URL: https://icestone-w44gik7masoytucikmmuiw7prdh4wh1en07wbtpskb.netdna-ssl.com/wp-content/uploads/2015/04/Icestone-SDS-US-11-19-14.pdf

OTHER MATERIAL NOTES: The content of this product was assessed for health hazard warnings as required using Pharos.

PORTLAND CEMENT

ID: 65997-15-1

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

HAZARD SCREENING DATE: **2019-12-19**

%: **0.00 - 100.00**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE 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%

SILICA, AMORPHOUS

ID: 7631-86-9

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

HAZARD SCREENING DATE: **2019-12-19**

%: **0.00 - 0.20**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Monomer, Portland Cement

WATER

%: 5.00 - 15.00

MATERIAL THRESHOLD: Other

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The content of this product was assessed for health hazard warnings as required using Pharos.

HPD URL: https://icestone-w44gik7masoytucikmmuiw7prdh4wh1en07wbtpskb.netdna-ssl.com/wp-content/uploads/2015/04/Icestone-SDS-US-11-19-14.pdf

OTHER MATERIAL NOTES: No warnings found on HPD Priority lists

WATER

ID: 558440-22-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-19**

%: **0.00 - 100.00** GS: **BM-4** RC: **PreC** NANO: **No** ROLE: **Water**

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

SUBSTANCE NOTES: No warnings found on HPD Priority lists

C.I. PIGMENT BLUE 28

ID: 1345-16-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-12-19**

%: **0.00 - 7.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GENE MUTATION	MAK	Germ Cell Mutagen 3a

SUBSTANCE NOTES: 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 — **CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Brooklyn, NY, United States
CERTIFICATE URL:
http://www.berkeleyanalytical.com

ISSUE DATE: 2011-09-26

EXPIRY DATE:

CERTIFIER OR LAB: Berkeley Analytical

CERTIFICATION AND COMPLIANCE NOTES:

OTHER — **ANSI/NSF 51-2012 Food equipment materials**

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Brooklyn, NY, United States
CERTIFICATE URL:
http://info.nsf.org/Certified/Food/Listings.asp?Company=3J090&Standard=051

ISSUE DATE: 2020-08-19

EXPIRY DATE: 2021-08-19

CERTIFIER OR LAB: NSF International

CERTIFICATION AND COMPLIANCE NOTES: The NSF 51 certification applies to all IceStone durable surfaces, and indicates the product's suitability in splash zone areas.

MULTI-ATTRIBUTE — **Cradle to Cradle Certified - Silver (V3.1)**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:
https://www.c2ccertified.org/products/scorecard/icestone_durable_surface

ISSUE DATE: 2018-07-23

EXPIRY DATE: 2020-07-22

CERTIFIER OR LAB: C2C Platform

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.

MULTI-ATTRIBUTE — **Cradle to Cradle Certified - Bronze (V3.1)**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All
CERTIFICATE URL:
https://www.c2ccertified.org/products/scorecard/icestone-bronze-icestone-llc

ISSUE DATE: 2018-07-10

EXPIRY DATE: 2020-07-09

CERTIFIER OR LAB: C2C Platform

CERTIFICATION AND COMPLIANCE NOTES: Applies to colors: Sapphire Snow, Gotham Grey, & Cobalt Ice

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.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **IceStone**
ADDRESS: **63 Flushing Ave.**
Building 12, Unit 283
Brooklyn New York 11205, United States
WEBSITE: **http://www.icestoneusa.com**

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

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.