

Name IceStone Durable Surfaces



Product ID Classification 03 41 16.00 Concrete (footing):
Precast Concrete Slabs

Website www.icestoneusa.com

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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; contact IceStone for custom color inquiries.

The HPD includes VOC testing results, Cradle to Cradle and NSF certification documents, and SDS details.

Release Date 2015-01-09 Self-declared
Expiry Date 2018-01-09 Second Party Certifier
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/838/1732-20150109121033.pdf> Third Party Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure Full Disclosure of Intentional Ingredients Yes No
 Measured 100 ppm (ideal) Measured 1000 ppm Predicted by process chemistry
 As per MSDS (1,000 & 10,000 ppm) Not disclosed Other
Full Disclosure of Known Hazards Yes No
Disclosure Notes
HBN Pharos Tool

Contents in Descending Order of Quantity

GLASS / MINERAL FIBER , PORTLAND CEMENT , WATER , Undisclosed (Trade Secret) , C.I. Pigment Blue 28 , Undisclosed (Trade Secret) , Undisclosed (Trade Secret) , SILICA, AMORPHOUS

Hazards Highest concern GreenScreen score - List Translator Benchmark 1
 PBT (Persistent Bioaccumulative Toxic) Development Neurotoxicity Land toxicity Multiple
 Cancer Reproductive Mammal Physical hazard Unknown
 Gene Mutation Endocrine Skin or Eye Global warming
 Respiratory Aquatic toxicity Ozone depletion

Total VOC Content Material (g/L) N/A Does the product contain exempt VOCs? N/A Yes No
Regulatory (g/L) N/A Are there VOC-free tints available? N/A Yes No

Notes

Certifications + Compliance

VOC Emissions CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom & Office scenario VOC Content N/A

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
GLASS / MINERAL FIBER	65997-17-3	55 - 75 %	LT-U	BO	N	Aggregate
None found	No warnings found on HPD Priority lists					
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	65997-15-1	15 - 30 %	LT-U	N	N	Binder
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
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%						
WATER	7732-18-5	5 - 15 %	4	N	N	Water
None found	No warnings found on HPD Priority lists					
Undisclosed (Trade Secret)	Undisclosed	3 - 10 %	LT-P1	U	N	Additive
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
Proprietary component comprised of: Silicon Oxide Aluminum Oxide Other Oxides						
C.I. Pigment Blue 28	1345-16-0	0 - 7 %	LT-U	U	U	Pigment
None found	No warnings found on HPD Priority lists					

Undisclosed (Trade Secret)	Undisclosed	0 - 5 %	LT-U	U	N	Pigment
None found	No warnings found on HPD Priority lists					
Proprietary Pigment Blend of: Iron Oxide Iron (III) Oxide						
Undisclosed (Trade Secret)	Undisclosed	0 - 5 %		N	N	Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Proprietary pigment A comprised of: Titanium Dioxide Aluminum Hydroxide Amorphous Silica						
SILICA, AMORPHOUS	7631-86-9	R	LT-1			Monomer, PORTLAND CEMENT
CANCER	NIOSH-C: Occupational carcinogen					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory	
	Certifying Party	Issue Date	Expiry Date	Certificate URL	
	Applicable Facilities				
	Notes				
VOC Emissions	CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom & Office scenario			Air Quality Sciences	
	1st party manufacturer claim	2008-07-29		www.berkeleyanalytical.com	
	All				
VOC Content	N/A				
Recycled Content	Not tested				
	ANSI/NSF 51 Food equipment materials - 2012			NSF International	
	3rd party independent certification	2014-08-19	2015-08-19	www.nsf.org	
	IceStone has one manufacturing facility.				
	The NSF 51 certification applies to all IceStone durable surfaces, and indicates the product's suitability in splash zone areas.				
Multi-	MBDC Cradle to Cradle - Silver (Version 2.1.1)			McDonough Braungart Design Chemistry (MBDC)	

attribute	3rd party independent certification	2014-04-22	2015-04-22	www.c2ccertified.org/products/scorecard/icestone_durable_surface
	IceStone has one manufacturing facility.			
	Every color in IceStone's palette is certified at the Silver level of Cradle to Cradle, version 2.1.1.			

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
CHENG Concrete Countertop Wax	
CHENG Concrete Countertop Wax helps prevent etching on the surface. IceStone LLC recommends this product for all installations. CHENG Concrete Countertop Wax should be applied anytime IceStone surfaces are resealed. For SDS information: http://store.concreteexchange.com/CHENG-Concrete-Online-Store_5/Concrete-Sealers-Waxes-Care-Products/CHENG-Concrete-Countertop-Wax	
CHENG Concrete Countertop Polish	
CHENG Concrete Countertop Polish helps strengthen the surface sealer. IceStone LLC recommends this product for all installations. For SDS information: http://store.concreteexchange.com/CHENG-Concrete-Online-Store_5/Concrete-Sealers-Waxes-Care-Products/CHENG-Concrete-Countertop-Polish	
StoneTech® Professional BulletProof® Stone Sealer (VOC 20.00 g/L)	
StoneTech® Professional BulletProof® Stone Sealer helps prevent surface staining. IceStone LLC recommends this product for all installations. For SDS information: https://stonetech.com/msds/BulletProof%20Stone%20Sealer.pdf	
Tenax Rivo 50 A & B Fast Epoxy	
Rivo 50 A & B is a knife grade epoxy used for seaming, and it can be tinted to match surface color. For SDS information: http://www.tenax4you.com/product-p/1rha00bg50.htm	

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.