

Name Lightweight Honeycomb Reinforced Stone Panels for Exterior Application



Product ID Terracore HCT Classification 04 42 26.00 Masonry (concrete block/brick): Grid-System-Supported Stone Cladding

Website www.terracorepanels.com

Manufacturer TerraCORE Panels LLC Name Jose, Jr Orines Address 2030 Irving Blvd, Dallas, Texas 75207 USA Title Director of Asian Operations Phone +639108342865 Email max@terracorepanels.com

Description Thin natural stone veneer bonded to aluminium "T" Honeycomb substrate that serves as reinforcing Core backing. Sandwiched between the honeycomb and the stone is a 1mm thick, highly elastic, interwoven bi-directional fiberglass cloth that is saturated with a high strength epoxy resin that is used to bond these two materials together.

Release Date 2014-03-03 Expiry Date 2017-03-03 HPD URL http://tool.hpdcollaborative.org/uploads/files/hpds/410/683-20140303110930.pdf

SUMMARY DISCLOSURE

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

Residuals Disclosure Full Disclosure of Intentional Ingredients Full Disclosure of Known Hazards Notes Based on Pharos Research and Pharos Chemical and Material Library

Contents in Descending Order of Quantity

GRANITE , ALUMINUM OXIDE , GLASS / MINERAL FIBER , ALUMINUM OXIDE , Benzenesulfonic acid, 3,3'-(1-methylethylidene)bis[6-hydroxy-, disodium salt, polymer with formaldehyde and 4,4'-sulfonylbis[phenol] , N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine , formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol , ACETONE , 2-Propenenitrile, polymer with 1,3-butadiene , EPICHLOROHYDRIN-BISPHENOL A RESIN , SILICA, AMORPHOUS , EPICHLOROHYDRIN , BISPHENOL A (BPA) , PHENOL , FORMALDEHYDE

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

Total VOC Content Material (g/L) Regulatory (g/L) Does the product contain exempt VOCs? Are there VOC-free tints available?

Certifications + Compliance

VOC Emissions Not tested 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	Warnings					Notes
GRANITE	219714-96-2	65 %		N	N	Decorative Facing
None found	No warnings found on HPD Priority lists					NOTE: Granite is used as representation of Decorative Facing component of this Product, but other Natural Stone types can also be used as Decorative Facing of this Product.
ALUMINUM OXIDE	1344-28-1	24 %	BM1	BO	N	Aluminum Honeycomb Core
CANCER	MAK: Carcinogen Group 2 - Considered to be carcinogenic for man					Common name for this material is Aluminum Foil
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
GLASS / MINERAL FIBER	65997-17-3	2.5 %	U	BO	N	Interlayer Polymer
None found	No warnings found on HPD Priority lists					1 mm thick, highly elastic, interwoven bi-directional fiberglass cloth
ALUMINUM OXIDE	1344-28-1	2.5 %	BM1	BO	N	Backing Face Plate
CANCER	MAK: Carcinogen Group 2 - Considered to be carcinogenic for man					Common name is Aluminum Plate
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
Benzenesulfonic acid, 3,3'-(1-methylethylidene)bis[6-hydroxy-, disodium salt, polymer with formaldehyde and 4,4'-sulfonylbis[phenol]	75701-47-2	2 %	U	N	N	Interlayer Adhesive Film
None found	No warnings found on HPD Priority lists					Thermoplastic Adhesive Film
N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine	10563-29-8	1 %	U	N	N	Epoxy Adhesive Part B Hardener
None found	No warnings found on HPD Priority lists					Huntsman Araldite H957
formaldehyde, polymer with 2-	9003-36-5	1 %	P1	N	N	Epoxy Adhesive Part A Resin

(chloromethyl)oxirane and phenol						
MULTIPLE	VwWwS: Class 2 Hazard to Waters			Part of Huntsman Araldite AW 146		
ACETONE	67-64-1	0.5 %	P1	N	N	Glue component
DEVELOPMENTAL	MAK: Pregnancy Risk Group B			Part of Nitrile Butadene Glue		
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
2-Propenenitrile, polymer with 1,3-butadiene	9003-18-3	0.5 %	U	N	N	Glue component
None found	No warnings found on HPD Priority lists			Part of Nitrile Butadene Glue		
EPICHLOROHYDRIN-BISPHENOL A RESIN	25068-38-6	1 %	P1	N	N	Epoxy Adhesive Part A Resin
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)			Part of Huntsman Araldite AW 146		
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					
MULTIPLE	VwWwS: Class 2 Hazard to Waters (also in EPA Action)					
DEVELOPMENTAL	EPA Action: Developmental Effects					
REPRODUCTIVE	EPA Action: Reproductive effects					
SILICA, AMORPHOUS	7631-86-9	R	BM1			
CANCER	NIOSH-C: Occupational carcinogen					
EPICHLOROHYDRIN	106-89-8	R	BM1			Monomer, EPICHLOROHYDRIN-BISPHENOLA RESIN
CANCER	EPA-C: (1986) Group B2 - Probable human carcinogen (also in IARC, Prop 65, EU CMR (1), NTP-RoC, EU R-Phrases, EU H-Statements, NIOSH-C, MAK, EU CMR (2))					
REPRODUCTIVE	Prop 65: Male reproductive toxicity					
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in TEDX)					
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction (also in EU R-Phrases)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					

MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS)				
BISPHENOL A (BPA)	80-05-7	R	BM1		Monomer, EPICHLOROHYDRIN-BISPHENOLA RESIN
DEVELOPMENTAL	NTP-OHAaT: A-Clear evidence of adverse developmental toxicant effects (also in EPA Action)				
REPRODUCTIVE	NTP-OHAaT: B-Some evidence of adverse reproductive toxicant effects (also in EU R-Phrases, EU H-Statements, EPA Action)				
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in OSPAR, SIN, TEDX)				
EYE IRRITATION	EU H-Statements: H318 Causes serious eye damage (also in EU R-Phrases)				
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction				
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)				
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published (also in VwVwS)				
PHENOL	108-95-2	R	P1		Monomer, formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification				
ENDOCRINE	TEDX: Potential Endocrine Disruptor				
GENE MUTATION	EU H-Statements: H341 Suspected of causing genetic defects				
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)				
SKIN IRRITATION	EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)				
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure.				
MULTIPLE	VwVwS: Class 2 Hazard to Waters				
FORMALDEHYDE	50-00-0	R	BM1		Monomer, formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol
CANCER	IARC: Group 1: Agent is carcinogenic to humans (also in NTP-RoC, EPA-C, Prop 65, NIOSH-C, EU R-Phrases, EU H-Statements, MAK)				
RESPIRATORY	AOEC: Asthmagen (AG) - generally accepted				
MAMMALIAN	EU R-Phrases: R25: Toxic if swallowed. (also in EU H-Statements)				
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction (also in EU R-Phrases)				
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)				

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	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Other				

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	

NOTES