

Name Lightweight Honeycomb Reinforced Stone Panels for Interior Application



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

Website www.terracorepanels.com

Manufacturer Address TerraCORE Panels LLC
2030 Irving Blvd, Dallas, Texas 75207
USA

Name Title Phone Email Jose, Jr Orines
Director of Asian Operations
+639108342865
max@terracorepanels.com

Description Thin natural stone veneer bonded to aluminium "I" Honeycomb substrate that serves as reinforcing Core backing. Between stone and honeycomb is an interlayer aluminium plate and behind the honeycomb is aluminium backing plate. This Product is used only for Interior applications and has an impact strength far greater than dimensional stone and weighs approximately 80% less than 2cm stone. The honeycomb is typically 3/8"(9mm) thick, however, it may vary in thickness depending on the architects design intent, project site limitations and or restrictions.

Release Date 2014-03-03 Self-declared

Expiry Date 2017-03-03 Second Party **Certifier**

HPD URL <http://tool.hpdcollaborative.org/uploads/files/hpds/410/684-20140303214834.pdf> Third Party **Certificate #**

SUMMARY DISCLOSURE

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

Residuals Disclosure measured 100 ppm (ideal) measured 1000 ppm predicted by process chemistry as per MSDS (10,000 ppm) not disclosed other

Full Disclosure of Intentional Ingredients Yes No

Full Disclosure of Known Hazards Yes No

Notes
Based on Pharos Research and Pharos Chemical and Material Library

Contents in Descending Order of Quantity

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

Hazards PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation

Development Reproductive Endocrine Respiratory

Highest concern GreenScreen score - Benchmark 1

Neurotoxicity Mammal Skin or Eye Aquatic toxicity

Land toxicity Physical hazard Global warming Ozone depletion

Multiple Unknown

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 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	74 %		N	N	Decorative Facing
None found	No warnings found on HPD Priority lists					NOTE: Granite is used as 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	15 %	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					
ALUMINUM OXIDE	1344-28-1	5 %	BM1	BO	N	Interlayer and 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
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
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.					
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-(chloromethyl)oxirane and phenol	9003-36-5	1 %	P1	N	N	Epoxy Adhesive Part A Resin
MULTIPLE	VwWwS: Class 2 Hazard to Waters					Part of Huntsman Araldite AW146
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 AW146
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					
PHENOL	108-95-2	R	P1			
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	VwWwS: Class 2 Hazard to Waters					
FORMALDEHYDE	50-00-0	R	BM1			
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)			
MULTIPLE	VwVwS: Class 2 Hazard to Waters			
EPICHLOROHYDRIN	106-89-8	R	BM1	Monomer, EPICHLOROHYDRIN-BISPHENOL A 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-BISPHENOL A 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)			

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