

**Name** Lightweight Polymer Aluminum Reinforced Stone Panels

**Product ID** Terracore PA **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

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**Description** Thin natural stone veneer bonded to a non-combustible Polymer Aluminum sheet with aluminum plate backing using high strength epoxy adhesive



**Release Date** 2014-03-01  Self-declared

**Expiry Date** 2017-03-01  Second Party **Certifier**

**HPD URL** <http://tool.hpdcollaborative.org/uploads/files/hpds/410/621-20140301221607.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 , ALUMINUM OXIDE , N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine , EPICHLOROHYDRIN-BISPHENOL A RESIN , formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol , EPICHLOROHYDRIN , BISPHENOL A (BPA) , PHENOL , FORMALDEHYDE

**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](http://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](http://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
<b>GRANITE</b>	219714-96-2	75 %		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 such as Marble can also be used as Decorative Facing for this Product.
<b>ALUMINUM</b>	7429-90-5	15 %	P1	BO	N	Core Backing
ENDOCRINE	TEDX: Potential Endocrine Disruptor					common name is Polymer Aluminum
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
FLAMMABLE	EU H-Statements: H228 Flammable solid					
REACTIVE	EU H-Statements: H261 In contact with water releases flammable gases					
<b>ALUMINUM OXIDE</b>	1344-28-1	6 %	BM1	BO	N	Back Face Plate
CANCER	MAK: Carcinogen Group 2 - Considered to be carcinogenic for man					common name Aluminum Plate
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
<b>N'-(3-aminopropyl)-N,N-dimethylpropane-1,3-diamine</b>	10563-29-8	2 %	U	N	N	Epoxy Adhesive Part B Hardener
None found	No warnings found on HPD Priority lists					Huntsman Araldite H957
<b>EPICHLOROHYDRIN-BISPHENOL A RESIN</b>	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	VwVwS: Class 2 Hazard to Waters (also in EPA Action)					
DEVELOPMENTAL	EPA Action: Developmental Effects					
REPRODUCTIVE	EPA Action: Reproductive effects					
<b>formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol</b>	9003-36-5	1 %	P1	N	N	Epoxy Adhesive Part A Resin
MULTIPLE	VwVwS: Class 2 Hazard to Waters					Part of Huntsman Araldite AW146
<b>EPICHLOROHYDRIN</b>	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)					
<b>BISPHENOL A (BPA)</b>	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)					
<b>PHENOL</b>	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					

<b>FORMALDEHYDE</b>	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)					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					

**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
<b>Condition when required or recommended and/or other notes</b>	

**NOTES**