

Name

Interstate Brick Company

Product ID

Multiple ID's (see description below)

Website

www.interstatebrick.com

Manufacturer Address

Interstate Brick
9780 South 5200 West
West Jordan, Utah 84081

Classification

04 21 00.00 Masonry (concrete block/brick): Clay Unit Masonry

Contact Name

Jeff Elder

Title

General Sales Manager

Phone

801-280-5200

Email

jeff.elder@interstatebrick.com

Description

HPD covers all of the brick manufactured by Interstate Brick. All products are manufactured using the same materials, means and methods from extraction to packaging

1.0

Health Product
DECLARATION

Release Date

2014-12-02

Expiry Date

2017-12-02

HPD URL

<https://tool.hpdcollaborative.org/uploads/files/hpds/477/606-20141202093316.pdf>

☒ Self-declared

☐ Second Party

☐ Third Party

Certifier

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 (1,000 & 10,000 ppm)

☐ Not disclosed

☐ Other

Full Disclosure of Intentional Ingredients

☒ Yes

☐ No

Full Disclosure of Known Hazards

☒ Yes

☐ No

Disclosure Notes

All brick manufactured by Interstate Brick go through additional steps that set Interstate Brick as the Green Standard. Our exhaust gases are scrubbed using wet scrubber technologies that have set the MACT standard for all other brick manufacturing plants. Additionally, the water used to scrub the exhaust gases is filtered through a tertiary process which removes harmful metals from the water which form a clay solid that is added back through the process to make brick. No other brick manufacturer takes this step.

Contents in Descending Order of Quantity
QUARTZ , CHROMITE , MANGANESE DIOXIDE , BARIUM CARBONATE , KAOLIN CLAY

Hazards

☐ PBT (Persistent Bioaccumulative Toxic)

☒ Cancer

☐ Gene Mutation

☐ Development

☐ Reproductive

☐ Endocrine

☐ Respiratory

Highest concern GreenScreen score - List Translator 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)

Regulatory (g/L)

N/A

N/A

Does the product contain exempt VOCs?

☒ N/A

☐ Yes

☐ No

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 A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
QUARTZ	14808-60-7	99 - 100 %	LT-1	BO	N	Silica is clay that makes up to 100 percent of a brick's composition
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
Note: Brick as a solid do not contribute to cancer. It is only when brick are sawcut or ground into dust that the particulates are in a form that in sufficiently high doses become a threat to cancer. Respirators should be used when grinding or sawcutting brick..... Brick is a recyleable product that can be taken from a site crushed as aggregate for use as construction base material below foundations, slabs and roadways. Crushed, it can also be used as a decorative landscape material reducing the water demand on a site. It can also be returned to the manufacturer as a post consumer material used as grog in the production of new brick. Cracked brick and deformed brick culled after the complete manufacturing process may be reused by crushing the brick and returning it back to the manufacturing process as post industrial recycled material. See manufacturer for additional documentation and percentage of recycled content by color.						
CHROMITE	1308-31-2	0 - 3 %		N	Y	Chromite turns white brick to various ranges of grays
None found	No warnings found on HPD Priority lists					
MANGANESE DIOXIDE	1313-13-9	0 - 3 %	LT-U	N	N	Used as a colorant to make clay brick transition to browns and blacks
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
BARIUM CARBONATE	513-77-9	0 - 1 %	LT-U	N	N	ties up soluble salts in the brick to prevent effloresence
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					

KAOLIN CLAY	1332-58-7	R	LT-U			Unknown
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
This material is non toxic if ingested. After firing the clay is inert and any residual is locked inside the brick.						

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			
		2014-06-01	2015-06-01	https://tool.hpdcollaborative.org/uploads/files/certifications/477/1417530439.pdf
	Interstate Brick company			
	Interstate brick do not contain VOC's and they contain between 10 and 20% recycled content.			
		2014-06-01	2015-06-01	https://tool.hpdcollaborative.org/uploads/files/certifications/477/1417530439.pdf
	Interstate Brick company			
	Interstate brick do not contain VOC's and they contain between 10 and 20% recycled content.			

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	

Mortars	
Mortars comprised of cementitious materials, and/or lime and fine aggregates are blended with water to create a bonding material which holds the brick apart and together, transfers loads from gravity, and dynamic forces such as wind, earthquake, fire and also helps prevents water migration through the envelop of a building.	

NOTES

By definition, clay brick are inorganic and do not contain VOC's. Interstate Brick do not contain Volatile Organic Compounds (VOC's). In certain climatic regions, water repellents and other coatings are used for moisture protection, anti-graffiti, and to reduce cleaning when brick are used as interior walls of schools and other heavy traffic areas. Interstate Brick's beautiful exterior finish make them the perfect replacement for painted interior finishes thus eliminating off gases commonly associated with paints and other coatings. In addition, brick's durability, and dense surface resist the abuse commonly associated with other materials which eliminates the need to reapply VOC containing paints and coatings multiple times over the course of a building life. Brick are easily cleaned using compliant detergents and water.