

Name Anchor Light Weight 105 Gray Block with CarbonCure™

Product ID Light weight 105 gray block **Classification** 04 20 00.00 Masonry (concrete block/brick): Unit Masonry

Website www.oldcastlenortheast.com

Manufacturer CarbonCure **Contact Name** Stephen Easter
Address by Anchor an OldCastle company **Title** Masonry Sales Manager
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Description This HPD applies to all configurations of Anchor Light Weight 105 Gray Block with CarbonCure™. The CarbonCure™ process incorporates waste carbon dioxide sourced from local smokestacks into the concrete during the manufacturing process, where it becomes chemically converted into solid calcium carbonate (limestone) embedded throughout the concrete block.

Release Date 2014-06-18 Self-declared

Expiry Date 2017-06-18 Second Party **Certifier**

HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/144/1361-20140618092718.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) **Full Disclosure of Known Hazards** Yes No

Measured 1000 ppm

Predicted by process chemistry

As per MSDS (1,000 & 10,000 ppm) **Disclosure Notes**

Not disclosed Residuals are disclosed as per the MSDS sheets provided by suppliers. All identified health hazards are disclosed.

Other

Contents in Descending Order of Quantity

Gravel , Gravel , QUARTZ , CALCIUM OXIDE , ALUMINUM OXIDE , LIMESTONE; CALCIUM CARBONATE , MAGNESIUM OXIDE , FERRIC OXIDE , SULFUR TRIOXIDE , SULFUR

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 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						
Gravel	Not registered	30 - 49 %		N	N	Aggregate
None found	No warnings found on HPD Priority lists					
Shale stone aggregate						
Gravel	Not registered	30 - 49 %		N	N	Aggregate
None found	No warnings found on HPD Priority lists					
Concrete sand aggregate						
QUARTZ	14808-60-7	5 - 10 %	LT-1	N	N	Binder/Aggregate
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
Crystalline silica is a naturally occurring component of sand, as well as a component of cement. It is unavoidable in concrete products. Hazards are applicable to individuals exposed to high quantities of quartz in dust particle form.						
CALCIUM OXIDE	1305-78-8	5 - 10 %	LT-U	N	N	Binder
None found	No warnings found on HPD Priority lists					
ALUMINUM OXIDE	1344-28-1	1 - 5 %	LT-U	N	N	Binder
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					

LIMESTONE; CALCIUM CARBONATE	1317-65-3	0.1 - 1 %	LT-U	N	N	Binder
None found	No warnings found on HPD Priority lists					
MAGNESIUM OXIDE	1309-48-4	0.1 - 1 %	LT-U	N	N	Binder
None found	No warnings found on HPD Priority lists					
FERRIC OXIDE	1309-37-1	0.1 - 1 %	LT-U	N	N	Binder
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
SULFUR TRIOXIDE	7446-11-9	0.1 - 1 %	LT-U	N	N	Binder
None found	No warnings found on HPD Priority lists					
SULFUR	7704-34-9	0.01 - 0.1 %	LT-U	N	N	Binder
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					

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

This HPD declares a BM1 category health hazard from crystalline silica, which naturally exists in concrete aggregates and is present in all concrete products. All hazards stated are risks associated with basic materials; these hazards are not applicable to end users of the final product (possible exception: mason exposed to dust particles by cutting concrete). This product has no VOC emissions.