

Name Insultech



Product ID Classification 04 28 00.00 Masonry (concrete block/brick): Concrete Form Masonry Units

Website www.EchelonMasonry.com

Manufacturer Oldcastle Contact Name -
Address 900 Ashwood Pkwy, Suite 600 Title -
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Email

Description InsulTech™ ICMS is a complete thermally broken insulated masonry system which includes a full complement of masonry units and is produced by Oldcastle® Architectural. InsulTech offers high thermal efficiency in an innovative design combining a pre-assembled structural masonry unit, molded High Performance Neopor® EPS insulation insert and thin veneer face. InsulTech provides design flexibility, installation efficiency and is available in both standard finishes as well as Trenwyth® masonry block colors and textures.

Release Date 2016-07-18 Expiry Date 2019-07-18 HPD URL https://builder.hpd-collaborative.org/uploads/files/hpds/7774014-20160718103827.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 Full Disclosure of Intentional Ingredients Full Disclosure of Known Hazards Disclosure Notes
Measured 100 ppm (ideal)
Measured 1000 ppm
Predicted by process chemistry
As per MSDS (1,000 & 10,000 ppm)
Not disclosed
Other
Yes No
Yes No

Contents in Descending Order of Quantity

QUARTZ , PORTLAND CEMENT , Silica, Christobalite , Mica , LIMESTONE; CALCIUM CARBONATE , Gypsum , ETHYL ACETATE , STEEL MANUFACTURE, CHEMICALS , POLYSTYRENE , BLAST FURNACE SLAG , FERRIC OXIDE , DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) , Acrylic Polymer , TOLUENE , Isopropyl Alcohol , TRIETHANOLAMINE , DIETHANOLAMINE

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) N/A N/A
Does the product contain exempt VOCs? Are there VOC-free tints available?
N/A N/A
Yes No
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
<b>Hazard A</b>	<b>Warning A</b>					
<b>Hazard B</b>	<b>Warning B</b>					
<b>Hazard C</b>	<b>Warning C</b>					
<b>Hazard D</b>	<b>Warning D</b>					
<b>Hazard E</b>	<b>Warning E</b>					
<b>Notes</b>						
<b>QUARTZ</b>	14808-60-7	42 - 44 %	LT-1	U	U	Sand
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
Encapsulated in concrete masonry unit.						
<b>PORTLAND CEMENT</b>	65997-15-1	12 - 14 %	LT-U	U	U	Cement
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
Encapsulated in concrete masonry unit.						
<b>Silica, Christobalite</b>	14464-46-1	9 - 11 %	LT-1	U	U	Aggregates
CANCER	NIOSH-C: Occupational carcinogen (also in MAK, IARC, NTP-RoC, Prop 65)					
<b>Mica</b>	12001-26-2	9 - 11 %	LT-U	U	U	Aggregates
None found	No warnings found on HPD Priority lists					
<b>LIMESTONE; CALCIUM CARBONATE</b>	1317-65-3	9 - 11 %	LT-U	PI	U	Aggregates
None found	No warnings found on HPD Priority lists					
<b>Gypsum</b>	13397-24-5	9 - 11 %	LT-U	U	U	Aggregates

None found	No warnings found on HPD Priority lists					
<b>ETHYL ACETATE</b>	141-78-6	0 - 1 %	LT-U	U	U	Foam
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
Encapsulated in foam structure						
<b>STEEL MANUFACTURE, CHEMICALS</b>	65997-19-5	0 - 1 %	LT-U	U	U	Stainless steel bridge
None found	No warnings found on HPD Priority lists					
<b>POLYSTYRENE</b>	9003-53-6	0 - 1 %	LT-U	U	U	Insulation
None found	No warnings found on HPD Priority lists					
<b>BLAST FURNACE SLAG</b>	65996-69-2	0 - 1 %	LT-U	PI	U	Recycled content
None found	No warnings found on HPD Priority lists					
<b>FERRIC OXIDE</b>	1309-37-1	0 - 1 %	2	U	U	Pigment
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
Encapsulated in concrete masonry unit						
<b>DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)</b>	29911-28-2	0 - 0.1 %	LT-U	U	N	Sealer (Residual)
None found	No warnings found on HPD Priority lists					
<b>Acrylic Polymer</b>	9063-87-0	0 - 0.01 %		PC	U	Foam (Residual)
None found	No warnings found on HPD Priority lists					
<b>TOLUENE</b>	108-88-3	0 - 0.01 %	1	U	U	Foam (Residual)
DEVELOPMENTAL	Prop 65: Developmental toxicity (also in G&L Neuro, EU R-Phrases, EU H-Statements)					
REPRODUCTIVE	Prop 65: Female reproductive toxicity					
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure.					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					

Encapsulated in foam structure						
<b>Isopropyl Alcohol</b>	67-63-0	0 - 0.01 %	LT-U	U	U	Foam (Residual)
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
Encapsulated in foam structure						
<b>TRIETHANOLAMINE</b>	102-71-6	0 - 0.01 %	LT-U	N	N	Admixture (Residual)
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
Encapsulated in concrete masonry unit						
<b>DIETHANOLAMINE</b>	111-42-2	0 - 0.01 %	LT-1	U	N	Admixture (Residual)
CANCER	Prop 65: Cancer (also in IARC, MAK)					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
EYE IRRITATION	EU H-Statements: H318 Causes serious eye damage (also in EU R-Phrases)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	MAK: Sensitizing Substance Sh - Danger of skin sensitization					
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure.					
Encapsulated in concrete masonry unit						

**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**

InsulTech™ ICMS is certified for the following standards: ASTM E514, Standard Test Method for Water Penetration and Leakage Through Masonry, and ASTM E283, Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.