

Name GlasCurtain Fiberglass Composite Curtain Wall Framing



Product ID Section Drawing #3251 Classification 08 44 00.00 Openings (door ways): Curtain Wall and Glazed Assemblies

Website glascurtain.ca/

Manufacturer GlasCurtain Inc. Address 3620 Blackburn Road SW Calgary AB T2G 4A5 Canada Contact Name Peter Dushenski Title Marketing Director Phone N/A Email peter@glascurtain.ca

Description The GlasCurtain Fiberglass Composite Curtain Wall Framing product is a triple-glazed, thermally broken fiberglass composite curtain wall frame for low-rise and mid-rise commercial applications.

Release Date 2015-05-07 Expiry Date 2018-05-07 HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/66/2955-20150507085648.pdf Self-declared HPDC Pilot-Program Third Party Certified; ToxServices LLC Certifier Certicate # GlasCurtain Inc. has enlisted ToxServices LLC to accurately create this HPD which has been assessed to the ingredient disclosure level of 100 ppm (0.01%).

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

No residual content >= 100 ppm reported for any ingredient present in the final GlasCurtain product formulation.

Contents in Descending Order of Quantity

GLASS / MINERAL FIBER, Unknown, Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Unknown, Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret)

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) N/A
Regulatory (g/L) 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						
GLASS / MINERAL FIBER	65997-17-3	58 %	U	U	N	Structure Component
None found	No warnings found on HPD Priority lists					
Maximum % composition that the ingredient is present in the final product formulation						
Unknown	Unknown	19.4 %		U	U	Filler Component
Unknown	Not disclosed by supplier					
Ingredient MSDS identifies that with the current knowledge of the supplier, and in the concentrations applicable, the undisclosed ingredient is not considered hazardous to health and environment. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information to GlasCurtain's ingredient supplier. Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	14.5 %	LT-1	U	N	Structure Component
CANCER	NTP-RoC: Reasonably Anticipated to be Human Carcinogen (also in IARC, MAK)					
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in SIN, TEDX)					
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
MULTIPLE	VwWwS: Class 2 Hazard to Waters					
Maximum % composition that the ingredient is present in the final product formulation						

Undisclosed (Trade Secret)	Undisclosed	5.16 %	LT-U	U	N	Filler Component
None found	No warnings found on HPD Priority lists					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	1.69 %	LT-U	U	N	Colorant Component
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	1.69 %	LT-U	U	N	Colorant Component
None found	No warnings found on HPD Priority lists					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	1.69 %	2	U	N	Colorant Component
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
Maximum % composition that the ingredient is present in the final product formulation						
Unknown	Unknown	0.4 %		U	U	Mold Release Agent
Unknown	Not disclosed by supplier					
Ingredient MSDS identifies that with the current knowledge of the supplier, and in the concentrations applicable, the undisclosed ingredient is not considered hazardous to health and environment. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information to GlasCurtain's ingredient supplier. Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.39 %	LT-U	U	N	Filler Component
None found	No warnings found on HPD Priority lists					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.09 %	LT-U	U	N	Catalyst Component
None found	No warnings found on HPD Priority lists					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.06 %	LT-P1	U	N	Structure Component
PBT	DSL: Persistent, Bioaccumulative and inherently Toxic (PBiT) to aquatic organisms					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.06 %	LT-1	U	N	Catalyst Component
DEVELOPMENTAL	EU R-Phrases: R61: May cause harm to the unborn child. (also in EU H-Statements)					
REPRODUCTIVE	EU SVHC: Toxic to reproduction - Banned unless authorized (also in EU CMR (1), EU R-Phrases, EU CMR (2), EPA Action)					

ENDOCRINE	EU ED: Category 2 - In vitro evidence of biological activity related to endocrine disruption (also in TEDX)					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS, EPA Action)					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.05 %	LT-1	U	N	Filler Component
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.02 %	LT-1	U	N	Catalyst Component
CANCER	Prop 65: Cancer (also in IARC)					
DEVELOPMENTAL	Prop 65: Developmental toxicity					
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.01 %	LT-1	U	N	Structure Component
PBT	DSL: Persistent, Bioaccumulative and inherently Toxic (PBiT) to humans					
CANCER	EU CMR (1): Carcinogen Category 2 - Substances which should be regarded as if they are carcinogenic to man (also in EU R-Phrases, EU H-Statements, EU CMR (2))					
GENE MUTATION	EU R-Phrases: R46: May cause heritable genetic damage. (also in EU H-Statements, EU CMR (1), EU CMR (2))					
MAMMALIAN	EU H-Statements: H304: May be fatal if swallowed and enters airways					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant)					
Maximum % composition that the ingredient is present in the final product formulation						
Undisclosed (Trade Secret)	Undisclosed	0.01 %	LT-U	U	N	Structure Component
None found	No warnings found on HPD Priority lists					
Maximum % composition that the ingredient is present in the final product formulation						

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