

# 5 Ply Doors - Structural Composite Lumber Core (SCL) - EnviroDesign™ Series by Lambton Doors

## Health Product Declaration v2.0

CLASSIFICATION: 081416

created via: HPDC Online Builder

PRODUCT DESCRIPTION: THIS HPD COVERS LAMBTON DOORS' ENVIRODESIGN™ SERIES OF 5 PLY DOORS WITH A STRUCTURAL COMPOSITE LUMBER CORE (SCL). IN PARTICULAR, IT COVERS THE FOLLOWING PRODUCT MODELS: 5-FSLSL-EME/ECE/EBE, 5-UFLSL-EME/ECE/EBE, 5-FSSCL45-EME/ECE/EBE, 5-UFSL45-EME/ECE/EBE AND 5-STC31-EME/ECE/EBE. PLEASE NOTE THAT THIS HPD DOES NOT COVER JAMBS AND FIXTURES.

### Section 1: Summary

#### CONTENT INVENTORY

<p>Threshold per material</p> <ul style="list-style-type: none"> <li><input checked="" type="radio"/> 100 ppm</li> <li><input checked="" type="radio"/> 1,000 ppm</li> <li><input checked="" type="radio"/> Per GHS SDS</li> <li><input checked="" type="radio"/> Per OSHA MSDS</li> <li><input checked="" type="radio"/> Other</li> </ul>	<p>Residuals and impurities considered in 7 of 7 materials</p> <ul style="list-style-type: none"> <li><input checked="" type="radio"/> see Section 2: Material Notes</li> <li><input checked="" type="radio"/> see Section 5: General Notes</li> </ul>	<p>Based on the selected Content Inventory Threshold:</p> <p>Characterized..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are the Percent Weight and Role provided for all substances?</p> <p>Screened..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are all substances screened using Priority Hazard Lists with results disclosed?</p> <p>Identified..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are all substances disclosed by Name (Specific or Generic) and Identifier?</p>
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#### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**

DOOR CORE [ WOOD FIBER - UNSPECIFIED UNK POLYMERIC MDI (PMDI) LT-UNK | RES | MUL | CAN PARAFFIN LT-UNK ] LOW-EMITTING CROSSBAND (NO-ADDED FORMALDEHYDE) [ WOOD DUST - UNSPECIFIED UNK POLYMERIC MDI (PMDI) LT-UNK | RES | MUL | CAN SLACK WAX (PETROLEUM) LT-1 | CAN | MUL ] STILES AND RAILS [ WOOD FIBER - UNSPECIFIED UNK POLYMERIC MDI (PMDI) LT-UNK | RES | MUL | CAN PARAFFIN LT-UNK ] VENEER [ MAPLE UNK ] HARDWOOD EDGES [ MAPLE UNK ] ADHESIVES [ POLYVINYL ACETATE (PVA) LT-UNK ALUMINUM NITRATE, 9-HYDRATE LT-UNK | RES BUTYL CARBITOL ACETATE LT-UNK VINYL ACETATE LT-P1 | CAN | PHY | END | MUL ] UV FINISHES [ TRIPROPYLENE GLYCOL DIACRYLATE LT-P1 | EYE | SKI | AQU | MUL TALC LT-UNK | CAN MAGNESITE LT-UNK DIPROPYLENE GLYCOL DIACRYLATE LT-UNK BISPHENOL A-EPICHLOROXYDRIN ACRYLATE LT-UNK TRIMETHYLOLPROPANE TRIACRYLATE LT-UNK | EYE | SKI | RES SILICA, AMORPHOUS LT-UNK 1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL- LT-UNK QUARTZ LT-1 | CAN 1,6-HEXANEDIOL DIACRYLATE LT-P1 | EYE | SKI | MUL 2,2'-(METHYLIMINO)BISETHANOL LT-UNK | EYE ]

Number of Greenscreen BM-4/BM3 contents..... 0

Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1

Nanomaterial..... No

#### INVENTORY AND SCREENING NOTES:

Lambton Doors' products do not contain impurities. Products have been screened at a 1,000 ppm level so that all potential residuals that could have existed in raw materials (wood, adhesives, wood panels and finishes), at that level, have been disclosed.

#### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

#### CERTIFICATIONS AND COMPLIANCE

Sustainable forestry: Forest Stewardship Council ®

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: November 1, 2016	EXPIRY DATE*: November 1, 2019
<input checked="" type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: February 2, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### DOOR CORE

#: 69.6700

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: The door core is composed of structural composite lumber. The same material as in the stiles and rails.

#### WOOD FIBER - UNSPECIFIED

ID:

#: 93.0000 - 95.0000

GS: UNK

RC: None

NANO: NO

ROLE: Main component - Filler

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

#### POLYMERIC MDI (PMDI)

ID: 9016-87-9

#: 4.0000 - 6.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

RESPIRATORY

US EPA - PPT Chemical Action Plans

Inhalation sensitizer causing asthma and lung damage

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Polymeric Diphenylmethane Diisocyanate. Concentration may vary depending on product.

#### PARAFFIN

ID: 8002-74-2

#: 0.0000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Hydrophobic agent

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

**LOW-EMITTING CROSSBAND (NO-ADDED FORMALDEHYDE) %: 19.0500 HPD URL:**

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Door crossband is high-density fiberboard (HDF) without any added formaldehyde.

**WOOD DUST - UNSPECIFIED**

ID:

%: 93.0000 - 97.0000

GS: UNK

RC: PreC

NANO: NO

ROLE: Main filler

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

**POLYMERIC MDI (PMDI)**

ID: 9016-87-9

%: 3.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagens

Asthmagen (G) - generally accepted

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

RESPIRATORY

US EPA - PPT Chemical Action Plans

Inhalation sensitizer causing asthma and lung damage

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

RESPIRATORY

MAK

Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: No-added formaldehyde resin

**SLACK WAX (PETROLEUM)**

ID: 64742-61-6

%: 0.0000 - 1.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Hydrophobic agent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER

EU - R-phrases

R45 - May cause cancer

CANCER

EU - GHS (H-Statements)

H350 - May cause cancer

CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: See Material notes

**STILES AND RAILS**

**%: 6.8400      HPD URL:**

Inventory Threshold: 1000 ppm      Residuals Considered: Yes

Material Notes: Stiles and rails are made of structural composite lumber.

**WOOD FIBER - UNSPECIFIED**

ID:

%: 93.0000 - 95.0000      GS: UNK      RC: None      NANO: NO      ROLE: Main component - Filler

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

**POLYMERIC MDI (PMDI)**

ID: 9016-87-9

%: 4.0000 - 6.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY	AOEC - Asthmagens	Asthmagens (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: Polymeric Diphenylmethane Diisocyanate. Concentration may vary depending on product.

**PARAFFIN**

ID: 8002-74-2

%: 0.0000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Hydrophobic agent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

**VENEER**

%: 2.3300

HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes: Veneers are available in a multitude of wood species, but Maple has been chosen as baseline scenario.

MAPLE

ID:

%: 100.0000

GS: UNK

RC: None

NANO: NO

ROLE: Decorative layer

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

**HARDWOOD EDGES**

%: 2.1000

HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes: Edges are made of hardwood from a variety of wood species, but Maple has been chosen as baseline scenario.

MAPLE

ID:

%: 100.0000

GS: UNK

RC: None

NANO: NO

ROLE: Decorative edges

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

**ADHESIVES**

%: 0.0000 - 1.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Adhesives are used throughout the production line for assembly. They are all PVAc-based adhesives. PVAc = Polyvinyl Acetate

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

%: 94.0000 - 99.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Main constituent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Concentration may vary from a PVAc-based adhesive to another

**ALUMINUM NITRATE, 9-HYDRATE**

ID: 7784-27-2

%: 0.0000 - 6.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Catalyst

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY      AOEC - Asthmagens      Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: Only present in one of the three PVAc-based adhesives. Ranges from 1% to 6% in the actual adhesive.

**BUTYL CARBITOL ACETATE**

ID: 124-17-4

%: 0.0000 - 3.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Additive

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: Only present in one of the three PVAc-based adhesives. Ranges from 1% to 3% in the actual adhesive.

**VINYL ACETATE**

ID: 108-05-4

%: Impurity/Residual      GS: LT-P1      RC: None      NANO: NO      ROLE: Impurity/Residual

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER      IARC      Group 2b - Possibly carcinogenic to humans

PHYSICAL HAZARD (REACTIVE)      EU - GHS (H-Statements)      H225 - Highly flammable liquid and vapour

CANCER      EU - GHS (H-Statements)      H351 - Suspected of causing cancer

ENDOCRINE      TEDX - Potential Endocrine Disruptors      Potential Endocrine Disruptor

MULTIPLE      German FEA - Substances Hazardous to Waters      Class 2 - Hazard to Waters

CANCER      MAK      Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Only present in one of the three PVAc-based adhesives. Under 0.1% in the actual adhesive.

**UV FINISHES**

Inventory Threshold: 1000 ppm

%: 0.0000 - 1.0000

Residuals Considered: Yes

**HPD URL:**

Material Notes: UV-cured finishes (100% solids). Inventory of substances based on MSDSs of all four layers of product (1 layer = 1 UV curable product, 4 layers (4 products) in total). All products have been merged into one material to simplify the inventory.

**TRIPROPYLENE GLYCOL DIACRYLATE**

ID: 42978-66-5

%: 5.0000 - 60.0000      GS: LT-P1      RC: None      NANO: NO      ROLE: Reagent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
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 - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Composition varies among layers

**TALC**

ID: 14807-96-6

%: 5.0000 - 10.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Filler

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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SUBSTANCE NOTES: Composition varies among layers

**MAGNESITE**

ID: 546-93-0

%: 0.1000 - 1.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Filler

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Composition varies among layers

**DIPROPYLENE GLYCOL DIACRYLATE**

ID: 57472-68-1

%: 0.0000 - 60.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Reagent
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition varies among layers

**BISPHENOL A-EPICHLOROHYDRIN ACRYLATE**

ID: 55818-57-0

%: 0.0000 - 60.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Reagent
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition varies among layers

**TRIMETHYLOLPROPANE TRIACRYLATE**

ID: 15625-89-5

%: 0.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Reagent
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rr) - irritant-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Composition varies among layers

**SILICA, AMORPHOUS**

ID: 7631-86-9

%: 0.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Nucleating agent
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition varies among layers

**1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-**

ID: 7473-98-5

%: 0.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Reagent

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Composition varies among layers

**QUARTZ**

ID: 14808-60-7

%: 0.0000 - 10.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Filler

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen (form-specific or based on limited exposure pathways)

CANCER

IARC

Group 1: Agent is carcinogenic to humans - inhaled from occupational sources

CANCER

US NIH - Report on Carcinogens

Known to be Human Carcinogen (respirable size - occupational setting)

CANCER

MAK

Carcinogen Group 1 - Substances that cause cancer in man

SUBSTANCE NOTES: Composition varies among layers

**1,6-HEXANEDIOL DIACRYLATE**

ID: 13048-33-4

%: 0.0000 - 10.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Reagent

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Composition varies among layers

2,2'-(METHYLIMINO)BIETHANOL

ID: 105-59-9

%: 0.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Reagent
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: Composition varies among layers

### Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

**SUSTAINABLE FORESTRY**

CERTIFYING PARTY: Third Party  
 APPLICABLE FACILITIES: 235 Second Avenue Lambton G0M 1H0 Quebec CANADA  
 CERTIFICATE URL:  
<http://info.fsc.org/details.php?id=a0240000005sQmLAAU&type=certificate&return=certificate.php>  
 CERTIFICATION AND COMPLIANCE NOTES:

**Forest Stewardship Council ®**

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2013-09-20	2018-09-19	Rainforest Alliance

### Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

**ALL ACCESSORIES**

**HPD URL: No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Please consult Lambton Doors' website for more information on available accessories: <http://www.lambtondoors.com/architects-space/technical-space/options-and-accessories/> ----- For the door model 5-STC31-EME/ECE/EBE, acoustical hardware are used.

### Section 5: General Notes



### MANUFACTURER INFORMATION

MANUFACTURER: Lambton Doors

CONTACT NAME: Keven Campagna

ADDRESS: 235 2nd Avenue  
Lambton, Quebec G0M 1H0  
Canada

TITLE: R&D Supervisor

PHONE: 418 486 7401

WEBSITE: www.lambtondoors.com

EMAIL: keven.campagna@lambtondoors.com

### KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

#### Hazard Types

**AQU** Aquatic toxicity

**GLO** Global warming

**PHY** Physical Hazard (reactive)

**CAN** Cancer

**MAM** Mammalian/systemic/organ toxicity

**REP** Reproductive toxicity

**DEV** Developmental toxicity

**MUL** Multiple hazards

**RES** Respiratory sensitization

**END** Endocrine activity

**NEU** Neurotoxicity

**SKI** Skin sensitization/irritation/corrosivity

**EYE** Eye irritation/corrosivity

**OZO** Ozone depletion

**LAN** Land Toxicity

**GEN** Gene mutation

**PBT** Persistent Bioaccumulative Toxic

**NF** Not found on Priority Hazard Lists

#### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**LT-P1** List Translator Possible Benchmark 1

**BM-3** Benchmark 3 (use but still opportunity for improvement) BM-2  
Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**LT-UNK** List Translator Benchmark Unknown (insufficient  
information from List Translator lists to benchmark)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** Unknown (no data on List Translator Lists)

#### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

#### Other

**Nano** Composed of nanoscale particles or nanotechnology

#### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**Applicable facilities** Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator, and when available, full GreenScreen assessments. The HPD Open Standard does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.