

# 5 Ply Doors - Mineral Core (FD) - 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 MINERAL CORE. IN PARTICULAR, IT COVERS THE FOLLOWING PRODUCT MODELS: 5-FD60/90-EME/ECE/EBE AND 5-STC32-EME/ECE/EBE. PLEASE NOTE THAT THIS HPD DOES NOT COVER JAMBS AND FIXTURES.

### Section 1: Summary

#### CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 7 of 7 materials	Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/> 100 ppm		Are the Percent Weight and Role provided for all substances?	Yes	No
<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 2:	Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Per GHS SDS	Material Notes	Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
<input type="radio"/> Per OSHA MSDS	<input checked="" type="radio"/> see Section 5:	Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Other	General Notes	Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

Based on the selected Content Inventory Threshold:

#### 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**

MINERAL CORE [ PERLITE **LT-UNK** CALCIUM SULFATE DIHYDRATE **LT-UNK** SODIUM SILICATE **LT-UNK** PORTLAND CEMENT **LT-UNK** | CAN QUARTZ **LT-1** | CAN POLY(VINYL ALCOHOL) **LT-UNK** SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN ] 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 ] MINERAL STILES AND RAILS [ CALCIUM SULFATE DIHYDRATE **LT-UNK** CELLULOSE, MICROCRYSTALLINE **UNK** SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN QUARTZ **LT-1** | CAN VERMICULITE **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-EPICHLOROHYDRIN 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)BIETHANOL **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, fire-rated panels, 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 29, 2016	EXPIRY DATE*: November 29, 2019
<input 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).

### MINERAL CORE

#: 60.0700 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: Core for fire doors.

#### PERLITE

ID: 93763-70-3

#: 40.0000 - 70.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Mineral core:  
ingredient #1

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

#### CALCIUM SULFATE DIHYDRATE

ID: 10101-41-4

#: 15.0000 - 40.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Mineral core:  
ingredient #2

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Gypsum

#### SODIUM SILICATE

ID: 1344-09-8

#: 10.0000 - 30.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Mineral core:  
ingredient #3

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

#### PORTLAND CEMENT

ID: 65997-15-1

%: 7.0000 - 13.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Mineral core:  
ingredient #4

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: See Material notes

**QUARTZ**

ID: 14808-60-7

%: 1.0000 - 5.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Mineral core:  
ingredient #5

**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 - specific to chemical form or exposure route

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: See Material notes

**POLY(VINYL ALCOHOL)**

ID: 9002-89-5

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Mineral core:  
ingredient #6

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

**SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

ID: 65997-17-3

%: 0.5000 - 1.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Mineral core:  
ingredient #7

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

CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
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CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
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SUBSTANCE NOTES: See Material notes

**LOW-EMITTING CROSSBAND (NO-ADDED FORMALDEHYDE)**

**%: 20.0500    HPD URL:**

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Door crossband is a 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
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**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
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

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

**MINERAL STILES AND RAILS**

**%: 15.2200 HPD URL:**

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: Component for fire doors. Ranges were given by the supplier.

**CALCIUM SULFATE DIHYDRATE**

ID: 10101-41-4

%: 60.0000 - 100.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Mineral components: ingredient #1
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

**CELLULOSE, MICROCRYSTALLINE**

ID: 9004-34-6

%: 5.0000 - 10.0000	GS: UNK	RC: None	NANO: NO	ROLE: Mineral components: ingredient #2
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

**SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

ID: 65997-17-3

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Mineral components: ingredient #3
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer

SUBSTANCE NOTES: Continuous filament glass fibers

**QUARTZ**

ID: 14808-60-7

%: 1.0000 - 5.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Mineral components: ingredient #4
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**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 - specific to chemical form or exposure route
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: Crystalline silica. Manufacturer's statement: The weight percent for crystalline silica represents total crystalline silica and not the respirable fraction.

**VERMICULITE**

ID: 1318-00-9

%: 1.0000 - 5.0000	GS: UNK	RC: None	NANO: NO	ROLE: Mineral components: ingredient #5
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: See Material notes

**veneER**

%: 2.4500

HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes: Veneer 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**

%: 2.2100

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**

%: 0.1000 - 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
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**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
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER	IARC	Group 2b - Possibly carcinogenic to humans
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PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour
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CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
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ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
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SUBSTANCE NOTES: Only present in one of the three PVAc-based adhesives. Under 0.1% in the actual adhesive.

**UV FINISHES**

%: 0.1000 - 1.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: UV cured finishes (100% solids). Inventory of substances based on MSDS 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
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
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SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
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SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
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ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
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CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
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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
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**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
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**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
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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

**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

**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

**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-STC32-EME/ECE/EBE, acoustical hardware are used.

### Section 5: General Notes

See "INVENTORY AND SCREENING NOTES" for information on Residuals/Impurities.



**MANUFACTURER INFORMATION**

MANUFACTURER: Lambton Doors

CONTACT NAME: Keven Campagna

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

TITLE: R&D Supervisor

PHONE: 4184867401

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.