

# 5 Ply Doors - Particleboard Core (PC) - Standard Series by Lambton Doors

# Health Product Declaration v2.0

CLASSIFICATION: 081416

created via: HPDC Online Builder

PRODUCT DESCRIPTION: THIS HPD COVERS LAMBTON DOORS' STANDARD SERIES OF 5 PLY DOORS WITH PARTICLEBOARD CORE. IN PARTICULAR, IT COVERS THE FOLLOWING PRODUCT MODEL: 5-PC-ME/CE/BE. PLEASE NOTE THAT THIS HPD DOES NOT COVER JAMBS AND FIXTURES.

## Section 1: Summary

### CONTENT INVENTORY

- Threshold per material
- 100 ppm
  - 1,000 ppm
  - Per GHS SDS
  - Per OSHA MSDS
  - Other

- Residuals and impurities considered in 7 of 7 materials
- see Section 2: Material Notes
  - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

### 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**

PARTICLEBOARD [ WOOD DUST - UNSPECIFIED UNK UREA FORMALDEHYDE LT-UNK  
WATER BM-4 UREA LT-UNK SLACK WAX (PETROLEUM) LT-1 | CAN | MUL AMMONIUM  
SULFATE LT-UNK FORMALDEHYDE LT-1 | MAM | SKI | CAN | RES | GEN | MUL PARAFFIN OIL  
LT-P1 | RES ] CROSSBAND [ WOOD DUST - UNSPECIFIED UNK MELAMINE-UREA-  
FORMALDEHYDE (MUF) LT-UNK SLACK WAX (PETROLEUM) LT-1 | CAN | MUL  
FORMALDEHYDE LT-1 | MAM | SKI | CAN | RES | GEN | 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..... 1  
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: December 1, 2016	EXPIRY DATE*: December 1, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: December 1, 2016	* 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).

### PARTICLEBOARD

%: 64.3000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: Regular particleboard with urea formaldehyde based resin

#### WOOD DUST - UNSPECIFIED

ID:

%: 80.0000 - 85.0000

GS: UNK

RC: PreC

NANO: NO

ROLE: Main component - Filler

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: 100% pre-consumer recycled raw materials (wood): chips, sawdust, shavings and wafers. May vary depending on product.

#### UREA FORMALDEHYDE

ID: 9011-05-6

%: 7.0000 - 8.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Resin

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

#### WATER

ID: 7732-18-5

%: 5.0000 - 6.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Humidity

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

#### UREA

ID: 57-13-6

%: 1.0000 - 3.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Scavenger

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

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

**SLACK WAX (PETROLEUM)**

ID: 64742-61-6

%: 0.0000 - 0.5000

GS: LT-1

RC: None

NANO: NO

ROLE: Wax

**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 &amp;/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: May vary depending on product

**AMMONIUM SULFATE**

ID: 7783-20-2

%: 0.0000 - 0.2000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Catalyst

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

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

**FORMALDEHYDE**

ID: 50-00-0

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

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

MAMMALIAN

EU - R-phrases

R23 - Toxic by Inhalation (gas, vapour, dust/mist)

MAMMALIAN

EU - R-phrases

R24 - Toxic in Contact with Skin

MAMMALIAN

EU - R-phrases

R25 - Toxic if Swallowed

SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: From formaldehyde-based resin

**PARAFFIN OIL**

ID: 8012-95-1

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

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY      AOEC - Asthmagens      Asthmagen (G) - generally accepted

**CROSSBAND**

%: **22.4000**

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Door crossband is a High-Density Fiberboard (HDF) with formaldehyde-based resin

**WOOD DUST - UNSPECIFIED**

ID:

%: 79.0000 - 84.0000

GS: UNK

RC: PreC

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

**MELAMINE-UREA-FORMALDEHYDE (MUF)**

ID: 25036-13-9

%: 13.0000 - 18.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Resin

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

**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

**FORMALDEHYDE**

ID: 50-00-0

%: Impurity/Residual      GS: LT-1      RC: None      NANO: NO      ROLE: Impurity/Residual

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases	R24 - Toxic in Contact with Skin
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
SUBSTANCE NOTES: From formaldehyde-based resin		

**STILES AND RAILS**

**%: 8.0500      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
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**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
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**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
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**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

**VENEER**

**%: 2.7000**

**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**

**%: 2.5000**

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

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

%: 0.0000 - 1.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

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

**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

**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:**

None Found

**AGENCY(IES) WITH WARNINGS:**

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:**

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:**

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 available**

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/>

### Section 5: General Notes

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



## MANUFACTURER INFORMATION

MANUFACTURER: Lambton Doors

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Canada

TITLE: R&D Supervisor

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## 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.