Section 1: Summary

CONTENT INVENTORY

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

Residuals and impurities considered in 7 of 7 materials

Based on the selected Content Inventory Threshold:

Characterized.................................................... Yes
Are the Percent Weight and Role provided for all substances? No

Screened........................................................ Yes
Are all substances screened using Priority Hazard Lists with results disclosed? No

Identified...................................................... Yes
Are all substances disclosed by Name (Specific or Generic) and Identifier? 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
--- | --- | --- | --- | ---
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-UNK | CAN | MUL | CAN WOOD FIBER - UNSPECIFIED | UNK | POLYMERIC MDI (PMDI) LT-UNK | RES | MUL | CAN 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-EPICHLOHYDRIN ACRYLATE LT-UNK | TRIMETHYLOPROPAINE TRICRYLATE LT-UNK | EYE | SKI | RES | SILICA, AMORPHOUS LT-UNK | 1-PROPAONE, 2-HYDROXY-2-METHYL-1-PHENYL LT-UNK | QUARTZ LT-UNK | CAN | 1,6-HEXANEDIOL DIACRYLATE LT-P1 | EYE | SKI | MUL 2,2'- (METHYLIMINO)BISETHANOL LT-UNK | EYE ]

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.

VERIFIER: SCREENING DATE: November 1, 2016 EXPIRY DATE*: November 1, 2019
SELF-PUBLISHED* VERIFICATION #: RELEASE DATE: February 2, 2017
* 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 and www.greenscreenchemicals.org.

<table>
<thead>
<tr>
<th>Material</th>
<th>ID:</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOOR CORE</td>
<td></td>
<td>69.6700</td>
<td></td>
<td></td>
<td></td>
<td>HPD URL:</td>
</tr>
<tr>
<td>Inventory Threshold: 1000 ppm</td>
<td>Residuals Considered: Yes</td>
<td>Material Notes: The door core is composed of structural composite lumber. The same material as in the stiles and rails.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wood Fiber - Unspecified</th>
<th>ID:</th>
<th>%: 93.0000 - 95.0000</th>
<th>GS: UNK</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Main component - Filler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazards</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Substance Notes: May vary depending on product |

<table>
<thead>
<tr>
<th>Polymeric MDI (PMDI)</th>
<th>ID: 9016-87-9</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 4.0000 - 6.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>ROLE: Binder</td>
<td>NANO: NO</td>
</tr>
<tr>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
</tr>
<tr>
<td>Respiratory</td>
<td>Asthmagens</td>
</tr>
<tr>
<td>MAK</td>
<td>Asthmagen (G) - generally accepted</td>
</tr>
<tr>
<td>Restricted List</td>
<td>US EPA - PPT Chemical Action Plans</td>
</tr>
<tr>
<td>Respiratory</td>
<td>US EPA - PPT Chemical Action Plans</td>
</tr>
<tr>
<td>Cancer</td>
<td>MAK</td>
</tr>
<tr>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
<tr>
<td>Respiratory</td>
<td>MAK</td>
</tr>
<tr>
<td>MAK</td>
<td>Sensitizing Substance Sah - Danger of airway &amp; skin sensitization</td>
</tr>
</tbody>
</table>

| Substance Notes: Polymeric Diphenylmethane Diisocyanate. Concentration may vary depending on product. |

<table>
<thead>
<tr>
<th>Paraffin</th>
<th>ID: 8002-74-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0000 - 1.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>ROLE: Hydrophobic agent</td>
<td></td>
</tr>
</tbody>
</table>

| Hazards: |
| AGENCY(IES) WITH WARNINGS: |
| Respiratory |
| MAK |
| Cancer |

5 Ply Doors - Structural Composite Lumber Core (SCL) - EnviroDesign™ Series Health Product Declaration Page 2 of 11 created via: HPDC Online Builder www.hpd-collaborative.org
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW-EMITTING CROSSBAND (NO-ADDED FORMALDEHYDE)</td>
<td></td>
<td>19.0500</td>
<td>HPD URL:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material Notes: Door crossband is high-density fiberboard (HDF) without any added formaldehyde.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substances Notes: May vary depending on product</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WOOD DUST - UNSPECIFIED</td>
<td>ID:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>%: 93.0000 - 97.0000</td>
<td>GS: UNK</td>
<td>RC: PreC</td>
<td>NANO: NO</td>
<td>ROLE: Main filler</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substances Notes: See Material notes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>POLYMERIC MDI (PMDI)</td>
<td>ID: 9016-87-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>%: 3.0000 - 5.0000</td>
<td>GS: LT-UNK</td>
<td>RC: None</td>
<td>NANO: NO</td>
<td>ROLE: Binder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>AOEC - Asthmagens</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td></td>
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</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES: No-added formaldehyde resin</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLACK WAX (PETROLEUM)</td>
<td>ID: 64742-61-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>%: 0.0000 - 1.0000</td>
<td>GS: LT-1</td>
<td>RC: None</td>
<td>NANO: NO</td>
<td>ROLE: Hydrophobic agent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - R-phrases</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>R45 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - R-phrases</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>R45 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H350 - May cause cancer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### STILES AND RAILS

- **%:** 6.8400  
- **Inventory Threshold:** 1000 ppm  
- **Residuals Considered:** Yes  
- **Material Notes:** Stiles and rails are made of structural composite lumber.

<table>
<thead>
<tr>
<th>WOOD FIBER - UNSPECIFIED</th>
<th>ID:</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 93.0000 - 95.0000</td>
<td>GS: UNK</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>POLYMERIC MDI (PMDI)</th>
<th>ID: 9016-87-9</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 4.0000 - 6.0000</td>
<td>GS: LT-UNK</td>
</tr>
</tbody>
</table>

**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

---

5 Ply Doors - Structural Composite Lumber Core (SCL) - EnviroDesign™ Series Health Product Declaration Page 4 of 11 created via: HPDC Online Builder www.hpd-collaborative.org
HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: May vary depending on product

VENER
%: 2.3300
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
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
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
<table>
<thead>
<tr>
<th>Substance Name</th>
<th>ID</th>
<th>Concentration Range</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Role</th>
<th>AGENCY(IES) WITH WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aluminum Nitrate, 9-Hydrate</strong></td>
<td>ID: 7784-27-2</td>
<td>0.0000 - 6.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Catalyst</td>
<td><strong>HAZARDS:</strong> <strong>RESPIRATORY</strong> AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only</td>
</tr>
<tr>
<td><strong>Butyl Carbitol Acetate</strong></td>
<td>ID: 124-17-4</td>
<td>0.0000 - 3.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Additive</td>
<td><strong>AGENCY(IES) WITH WARNINGS:</strong> None Found No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td><strong>Vinyl Acetate</strong></td>
<td>ID: 108-05-4</td>
<td>Impurity/Residual</td>
<td>LT-P1</td>
<td>None</td>
<td>NO</td>
<td>Impurity/Residual</td>
<td><strong>HAZARDS:</strong> <strong>CANCER</strong> IARC Group 2b - Possibly carcinogenic to humans <strong>PHYSICAL HAZARD (REACTIVE)</strong> EU - GHS (H-Statements) H225 - Highly flammable liquid and vapour <strong>CANCER</strong> EU - GHS (H-Statements) H351 - Suspected of causing cancer <strong>ENDOCRINE</strong> TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor <strong>MULTIPLE</strong> German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters <strong>CANCER</strong> MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
<tr>
<td><strong>UV Finishes</strong></td>
<td></td>
<td>0.0000 - 1.0000</td>
<td>HPD URL:</td>
<td>Inventory Threshold: 1000 ppm</td>
<td>Residuals Considered: Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

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

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>TRIPROPYLENE GLYCOL DIACRYLATE</th>
<th>ID: 42978-66-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 5.0000 - 60.0000</td>
<td>GS: LT-P1</td>
</tr>
</tbody>
</table>

**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

**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

<table>
<thead>
<tr>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
</table>

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

**SUBSTANCE NOTES:** Composition varies among layers

<table>
<thead>
<tr>
<th>TALC</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 5.0000 - 10.0000</td>
</tr>
</tbody>
</table>

**HAZARDS:**

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

**SUBSTANCE NOTES:** Composition varies among layers

<table>
<thead>
<tr>
<th>MAGNESITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.1000 - 1.0000</td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found

**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
- **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
- **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:**
- **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
  - **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

**SUBSTANCE NOTES:** Composition varies among layers
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>Composition</th>
<th>HAZARDS:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th>SUBSTANCE NOTES:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-</td>
<td>ID: 7473-98-5</td>
<td>0.0000 - 5.0000</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>Composition varies among layers</td>
<td></td>
</tr>
<tr>
<td>QUARTZ</td>
<td>ID: 14808-60-7</td>
<td>0.0000 - 10.0000</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>Composition varies among layers</td>
<td></td>
</tr>
<tr>
<td>1,6-HEXANEDIOL DIACRYLATE</td>
<td>ID: 13048-33-4</td>
<td>0.0000 - 10.0000</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>Composition varies among layers</td>
<td></td>
</tr>
</tbody>
</table>

**Hazards:**

- **1-PROPANONE, 2-HYDROXY-2-METHYL-1-PHENYL-**
  - **CANCER**
    - **IARC**
      - Group 1 - Agent is Carcinogenic to humans
    - **US CDC - Occupational Carcinogens**
      - Occupational Carcinogen
    - **CA EPA - Prop 65**
      - Carcinogen (form-specific or based on limited exposure pathways)
    - **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)
    - **MAK**
      - Carcinogen Group 1 - Substances that cause cancer in man

**Substance Notes:** Composition varies among layers
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)BISETHANOL
ID: 105-59-9

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

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

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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
Forest Stewardship Council ®
CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: 235 Second Avenue Lambton G0M 1H0 Quebec CANADA
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

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