View Smart Windows use artificial intelligence to transform buildings into responsive environments that automatically adjust to control heat and glare without the need for blinds. View is the leader in smart building technology that transforms buildings to improve human health and experience, reduce energy consumption and carbon emissions, and generate additional revenue for building owners. View Smart Windows use artificial intelligence to automatically adjust in response to the sun, eliminating the need for blinds and increasing access to natural light. Every View installation includes a cloud-connected smart building platform that can easily be extended to improve indoor cellular coverage, enhance building security and reimagine the occupant experience. View is installed and designed into 75 million square feet of buildings including offices, hospitals, airports, educational facilities, hotels and multi-family residences.

View Smart Glass
by View Inc.

Section 1: Summary

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Considered in 14 of 14 Materials</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td>% weight and role provided for all substances.</td>
</tr>
<tr>
<td>Other</td>
<td>Per GHS SDS</td>
<td>Yes Ex/SC/No</td>
</tr>
<tr>
<td>Material</td>
<td>Other</td>
<td>Yes Ex/SC/No</td>
</tr>
</tbody>
</table>

Nested Method / Product Threshold

All Substances Above the Threshold Indicated Are:
- Characterized
  - Yes Ex/SC: Yes
  - No

% weight and role provided for all substances.

Screened
- Yes Ex/SC: Yes
- No

All substances screened using Priority Hazard Lists with results disclosed.

Identified
- Yes Ex/SC: Yes
- No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/or one or more Special Condition did not follow guidance.

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**
FLAT GLASS | SOLID / PLATE GLASS | LT-UNK
BLACK SILICONE | SILOXANES AND SILICONES | DI-ME, HYDROXY-TERMINATED BM-2
CALCIUM CARBONATE | BM-3 CYCLOMETHICONE | LT-UNK
QUARTZ BM-4 | CAN | ARGON GAS | ARGON LT-UNK UNDISCLOSED
UNDISCLOSED | LT-UNK | UNDISCLOSED | UNDISCLOSED BM-1
SILICONE CURING AGENT | POLYDIMETHYLSILOXANES | LT-P1
PBT CARBON BLACK BM-1 | CAN METHYLTRIMETHOXYSILANE BM-1tp
GLYCIDOXYPROPYLTRIMETHOXYSILANE AND METHYLTRIMETHOXYSILANE | NOGS SILANE, DICHLOROMETHYL-, REACTION PRODUCTS WITH SILICA LT-UNK 8-AMINOPROPYLTRIETHOXYSILANE LT-UNK | SKI METHANOL BM-1
END | MAM | PHY | DEV | MUL | REP STANNANE, DIMETHYLBIS(1-OXOVOXYL)OXY- | LT-UNK | PIGTAIL CABLE ASSEMBLY
POLYVINYL CHLORIDE (PVC) LT-P1 | RES HIGH-IMPACT POLYESTRENE LT-UNK | BRASS NOGS COPPER LT-UNK | CARBON BLACK | CARBON BLACK BM-1 | CAN ACRYLIC ADHESIVE | ACRYLIC POLYMERS NOGS | PET | POLYETHYLENE TEREPTHALATE (PET) LT-UNK UNDISCLOSED | UNDISCLOSED NOGS | UNDISCLOSED | UNDISCLOSED LT-P1 | PBT | UNDISCLOSED LT-P1 | MUL | GLASS COATING | NICKEL LT-1 | CAN | RES | MUL | SKI | MAM LITHIUM LT-P1 | MUL | REP | SKI | PHY DIIMIUD TRIoxide LT-P1 | CAN | TIN OXIDE LT-UNK TUNGSTEN LT-UNK

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or list translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This product has been fully screened. The HPD is identified - No because there are materials and substances undisclosed by the supplier. Residuals were considered for all materials and added where they were present above the stated disclosure threshold. The scope of this HPD is all Dynamic Glass products produced by View, Inc.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional
VOC Content data is not applicable for this product category.

VOC emissions: VOC Emissions
LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients Option 1

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ Yes</td>
<td>VERIFIER:</td>
<td>PUBLISHED DATE: 2022-01-13</td>
</tr>
<tr>
<td>☒ No</td>
<td>VERIFICATION #:</td>
<td>EXPIRY DATE: 2024-10-22</td>
</tr>
</tbody>
</table>
### Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

<table>
<thead>
<tr>
<th>FLAT GLASS</th>
<th>%: 92.3660</th>
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<tbody>
<tr>
<td>PRODUCT THRESHOLD:</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED:</td>
<td>Yes</td>
</tr>
<tr>
<td>MATERIAL TYPE:</td>
<td>Glass</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES:</td>
<td>Residuals are considered and are below the disclosure threshold.</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES:</td>
<td>Flat glass comprises the bulk of the product. Residuals are considered and are below the disclosure threshold.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOLID / PLATE GLASS</th>
<th>ID: 65997-17-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD:</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2021-10-22 13:39:48</td>
</tr>
<tr>
<td>%: 100.0000 - 100.0000</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Glass component</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>The range does not vary and this substance comprises the entire material.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BLACK SILICONE</th>
<th>%: 5.4100</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD:</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED:</td>
<td>Yes</td>
</tr>
<tr>
<td>MATERIAL TYPE:</td>
<td>Polymeric Material</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES:</td>
<td>Residuals are considered and are below the disclosure threshold.</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES:</td>
<td>Silicone used as sealant in the product. Residuals are considered and are below the disclosure threshold.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED</th>
<th>ID: 70131-67-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD:</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2021-10-22 13:39:48</td>
</tr>
<tr>
<td>%: 50.0000 - 60.0000</td>
<td>GS: BM-2</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Sealant</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>Composition presented as a range to protect supplier recipe.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CALCIUM CARBONATE</th>
<th>ID: 471-34-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD:</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2021-10-22 13:39:49</td>
</tr>
<tr>
<td>%: 40.0000 - 50.0000</td>
<td>GS: BM-3</td>
</tr>
<tr>
<td>RC: None</td>
<td>NANO: No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Filler</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>WARNINGS</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>
### CYCLOMETHICONE

**ID:** 69430-24-6  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:55

<table>
<thead>
<tr>
<th>%:</th>
<th>0.0000 - 1.0000</th>
<th>GS:</th>
<th>LT-UNK</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>SUBSTANCE ROLE:</th>
<th>Sealant</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

No warnings found on HPD Priority Hazard Lists

**WARNINGS**

None found

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

### QUARTZ

**ID:** 14808-60-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:56

<table>
<thead>
<tr>
<th>%:</th>
<th>0.0000 - 1.0000</th>
<th>GS:</th>
<th>BM-1</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>SUBSTANCE ROLE:</th>
<th>Filler</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

None found

**WARNINGS**

None found

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

### ARGON GAS

<table>
<thead>
<tr>
<th>%:</th>
<th>0.6360</th>
</tr>
</thead>
</table>

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: Gas

**RESIDUALS AND IMPURITIES NOTES:** Residuals are considered and are below the disclosure threshold.

**OTHER MATERIAL NOTES:** Argon gas used to fill the IGU cavity. Residuals are considered and are below the disclosure threshold.
### ARGON

**ID:** 7440-37-1  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:48  
**%:** 100.0000 - 100.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Glass component  

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Substance range does not vary.

### UNDISCLOSED

**%:** 0.4116 - 0.4508  
**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: undefined  

**RESIDUALS AND IMPURITIES NOTES:** Tested in finished product with SVHC limits  

**OTHER MATERIAL NOTES:** no additional notes for this item

### UNDISCLOSED

**%:** 0.3430 - 0.3822  
**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: undefined  

**RESIDUALS AND IMPURITIES NOTES:** Tested in finished product according to SVHC limits  

**OTHER MATERIAL NOTES:** no other notes available

### UNDISCLOSED

**%:** 0.2570  
**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Polymeric Material  

**RESIDUALS AND IMPURITIES NOTES:** Residuals are considered and are below the disclosure threshold.
### Polydimethylsiloxanes

**ID:** 63148-62-9  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:49  
**%:** 50.0000 - 60.0000  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Polymer species

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT</td>
<td>EC - CEPA DSL</td>
<td>Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

### Carbon Black

**ID:** 1333-86-4  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:52  
**%:** 10.0000 - 20.0000  
**GS:** BM-1  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Pigment

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
<tr>
<td>CAN</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

### Methyltrimethoxysilane

**ID:** 1185-55-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:53  
**%:** 10.0000 - 20.0000  
**GS:** BM-1tp  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Curing agent

**None found**  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

### Glycidoxypropyltrimethoxysilane and Methyltrimethoxysilane

**ID:** 474530-85-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2022-01-13 9:10:36  
**%:** 10.0000 - 20.0000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Polymer species

**None found**  
No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.
**SILANE, DICHLORODIMETHYL-*, REACTION PRODUCTS WITH SILICA**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:53  
**%:** 1.0000 - 5.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Polymer species

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:54  
**%:** 1.0000 - 3.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Adhesive

**WARNINGS**

**SKI**

**EU - GHS (H-Statements) Annex 6 Table 3-1**

- **H314 - Causes severe skin burns and eye damage** [Skin corrosion/irritation - Category 1A or 1B or 1C]

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

**METHANOL**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-06-14 1:17:55  
**%:** 0.0000 - 1.0000  
**GS:** BM-1  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Solvent

**WARNINGS**

**END**

**TEDX - Potential Endocrine Disruptors**  
Potential Endocrine Disruptor

**MAM**

**EU - GHS (H-Statements)**

- **H301 - Toxic if swallowed**
- **H311 - Toxic in contact with skin**
- **H331 - Toxic if inhaled**

**PHY**

**EU - GHS (H-Statements)**

- **H225 - Highly flammable liquid and vapour**

**DEV**

**US NIH - Reproductive & Developmental Monographs**  
Clear Evidence of Adverse Effects - Developmental Toxicity

**MUL**

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

**REP**

**Japan - GHS**  
Toxic to reproduction - Category 1B

**DEV**

**CA EPA - Prop 65**  
Developmental toxicity

**MAM**

**EU - GHS (H-Statements)**

- **H370 - Causes damage to organs**

**SUBSTANCE NOTES:** Composition presented as a range to protect supplier recipe.

**STANNANE, DIMETHYLBIS[1-OXONEODECYL]OXY-**

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2021-10-22 13:39:54  
**%:** 0.0000 - 1.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Catalyst
None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Composition presented as a range to protect supplier recipe.

PIGTAIL CABLE ASSEMBLY

%: 0.2490

PRODUCT THRESHOLD: 1000 ppm
RESIDUALS AND IMPURITIES CONSIDERED: Yes
MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: Residuals are considered and are below the disclosure threshold.

OTHER MATERIAL NOTES: Pigtail cable assembly used to connect product. Residuals are considered and are below the disclosure threshold.
POLYVINYL CHLORIDE (PVC)

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2021-10-22 13:39:50

%: 35.0000 - 40.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS
RES AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Substance used as jacketing for the wire in the pigtail assembly

HIGH-IMPACT POLYSTYRENE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2021-10-22 13:39:50

%: 20.0000 - 30.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS
None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance used as plastic shell in pigtail assembly

BRASS

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2021-10-22 13:39:52

%: 15.0000 - 20.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Hardware

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS
None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance used as screws and contact terminals

COPPER

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2021-10-22 13:39:51

%: 15.0000 - 20.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Conductor

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS
None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Substance is used as the conductor in the wire.

CARBON BLACK

%: 0.0098 - 0.0196

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Other: pigment

RESIDUALS AND IMPURITIES NOTES: Tested in finished good at SVHC limits

OTHER MATERIAL NOTES: no other notes available
### CARBON BLACK

<table>
<thead>
<tr>
<th>Component</th>
<th>ID: 1333-86-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD:</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2022-01-12 13:12:18</td>
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<tr>
<td>%:</td>
<td>100.0000 - 100.0000</td>
</tr>
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<td>GS:</td>
<td>BM-1</td>
</tr>
<tr>
<td>RC:</td>
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<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Pigment</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
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<tr>
<td>CAN</td>
<td>US CDC - Occupational Carcinogens</td>
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<td>MAK</td>
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</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
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</tbody>
</table>

### ACRYLIC ADHESIVE

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<thead>
<tr>
<th>Component</th>
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<tbody>
<tr>
<td>PRODUCT THRESHOLD:</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED:</td>
<td>Yes</td>
</tr>
<tr>
<td>MATERIAL TYPE:</td>
<td>Polymeric Material</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES:</td>
<td>Tested in finished good for SVHC</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES:</td>
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### ACRYLIC POLYMERS

<table>
<thead>
<tr>
<th>Component</th>
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</thead>
<tbody>
<tr>
<td>HAZARD SCREENING METHOD:</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2022-01-12 13:12:18</td>
</tr>
<tr>
<td>%:</td>
<td>100.0000 - 100.0000</td>
</tr>
<tr>
<td>GS:</td>
<td>NoGS</td>
</tr>
<tr>
<td>RC:</td>
<td>none</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Adhesive</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>None found</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES:</td>
<td>no notes available</td>
</tr>
</tbody>
</table>

### PET

<table>
<thead>
<tr>
<th>Component</th>
<th>%: 0.0078 - 0.0118</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD:</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED:</td>
<td>Yes</td>
</tr>
<tr>
<td>MATERIAL TYPE:</td>
<td>Polymeric Material</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES:</td>
<td>Tested in accordance with SVHC limits</td>
</tr>
<tr>
<td>OTHER MATERIAL NOTES:</td>
<td>no other notes</td>
</tr>
</tbody>
</table>
### POLYETHYLENE TEREPTHALATE (PET)

**ID:** 25038-59-9

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2022-01-12 13:12:18

- **%:** 100.0000 - 100.0000  
- **GS:** LT-UNK  
- **RC:** none  
- **NANO:** No  
- **SUBSTANCE ROLE:** Water resistance

**HAZARD TYPE**  
None found

**AGENCY AND LIST TITLES**  
No warnings found on HPD Priority Hazard Lists

**WARNINGS**

**SUBSTANCE NOTES:** vapor barrier film

---

**UNDISCLOSED**

**%:** 0.0049 - 0.0069

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: undefined

**RESIDUALS AND IMPURITIES NOTES:** Tested in Finished good for SVHC

**OTHER MATERIAL NOTES:** no other notes

---

**UNDISCLOSED**

**%:** 0.5000 - 0.7000

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: undefined

**RESIDUALS AND IMPURITIES NOTES:** Tested in Finished good according to SVHC limits

**OTHER MATERIAL NOTES:** no additional notes

---

**UNDISCLOSED**

**%:** 0.0010 - 0.0015

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: undefined

**SUBSTANCE ROLE:** Curing agent

**HAZARD TYPE**

- **PBT**

**AGENCY AND LIST TITLES**

- EC - CEPA DSL  

**WARNINGS**

Persistent, Bioaccumulative and inherently Toxic (PB/TE) to the Environment (based on aquatic organisms)

**SUBSTANCE NOTES:** no additional notes

---

**UNDISCLOSED**

**%:** 0.0039 - 0.0059

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: undefined

**RESIDUALS AND IMPURITIES NOTES:** no additional notes

---

**UNDISCLOSED**

**%:** 0.0010 - 0.0015

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes  
**MATERIAL TYPE:** Other: undefined

**SUBSTANCE ROLE:** Curing agent

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

Persistent, Bioaccumulative and inherently Toxic (PB/TE) to the Environment (based on aquatic organisms)

**SUBSTANCE NOTES:** no additional notes
### UNDISCLOSED

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td>2022-01-12 13:12:18</td>
</tr>
</tbody>
</table>

#### %
- 0.1000 - 0.1500

#### GS
- LT-P1

#### RC
- none

#### NANO
- No

#### SUBSTANCE ROLE
- Curing agent

#### HAZARD TYPE
- MUL

#### AGENCY AND LIST TITLES
- German FEA - Substances Hazardous to Waters

#### WARNINGS
- Class 2 - Hazard to Waters

#### SUBSTANCE NOTES
- no notes

---

### GLASS COATING

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED</th>
<th>MATERIAL TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000 ppm</td>
<td>Yes</td>
<td>Other: Tungsten, Nickel, Lithium, Diindium Trioxide, Tin Oxide</td>
</tr>
</tbody>
</table>

#### RESIDUALS AND IMPURITIES NOTES
- Residuals are considered and are below the disclosure threshold.

#### OTHER MATERIAL NOTES
- Composition presented as a range to protect proprietary recipe. Residuals are considered and are below the disclosure threshold.

### NICKEL

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td>2021-10-22 13:39:57</td>
</tr>
</tbody>
</table>

#### %
- 0.0000 - 100.0000

#### GS
- LT-1

#### RC
- None

#### NANO
- No

#### SUBSTANCE ROLE
- Coating

---

RESIDUALS AND IMPURITIES NOTES: Tested in finished good for SVHC

OTHER MATERIAL NOTES: no other notes
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CAN</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
</tr>
<tr>
<td>CAN</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>CAN</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be a human Carcinogen</td>
</tr>
<tr>
<td>CAN</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>RES</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
<tr>
<td>CAN</td>
<td>US NIH - Report on Carcinogens</td>
<td>Reasonably Anticipated to be Human Carcinogen</td>
</tr>
<tr>
<td>RES</td>
<td>MAK</td>
<td>Sensitizing Substance Sah - Danger of airway &amp; skin sensitization</td>
</tr>
<tr>
<td>MUL</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements) Annex 6 Table 3-1</td>
<td>H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]</td>
</tr>
<tr>
<td>CAN</td>
<td>EU - GHS (H-Statements) Annex 6 Table 3-1</td>
<td>H351 - Suspected of causing cancer [Carcinogenicity - Category 2]</td>
</tr>
<tr>
<td>MAM</td>
<td>EU - GHS (H-Statements) Annex 6 Table 3-1</td>
<td>H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Composition presented as a range to protect proprietary recipe.

---

**LITHIUM**

**ID:** 7439-93-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2021-10-22 13:39:57

**%:** 0.0000 - 100.0000

**GS:** LT-P1

**RC:** None

**NANO:** No

**SUBSTANCE ROLE:** Coating

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUL</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>REP</td>
<td>GHS - New Zealand</td>
<td>6.8A - Known or presumed human reproductive or developmental toxicants</td>
</tr>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements) Annex 6 Table 3-1</td>
<td>H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]</td>
</tr>
<tr>
<td>PHY</td>
<td>EU - GHS (H-Statements) Annex 6 Table 3-1</td>
<td>H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Composition presented as a range to protect proprietary recipe.

---

**DIINDIUM TRIOXIDE**

**ID:** 1312-43-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2021-10-22 13:40:23

**%:** 0.0000 - 100.0000

**GS:** LT-P1

**RC:** None

**NANO:** No

**SUBSTANCE ROLE:** Coating

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUL</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>REP</td>
<td>GHS - New Zealand</td>
<td>6.8A - Known or presumed human reproductive or developmental toxicants</td>
</tr>
<tr>
<td>SKI</td>
<td>EU - GHS (H-Statements) Annex 6 Table 3-1</td>
<td>H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]</td>
</tr>
<tr>
<td>PHY</td>
<td>EU - GHS (H-Statements) Annex 6 Table 3-1</td>
<td>H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Composition presented as a range to protect proprietary recipe.
### HA ZARD SCREENING METHOD: Pharos Chemical and Materials Library

HA ZARD SCREENING DATE: 2021-10-22 13:39:58

<table>
<thead>
<tr>
<th>%: 0.0000 - 100.0000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Coating</th>
</tr>
</thead>
</table>

HA ZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CAN

GHS - Japan

H350 - May cause cancer [Carcinogenicity - Category 1B]

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.

---

### TIN OXIDE

ID: 1332-29-2

HA ZARD SCREENING METHOD: Pharos Chemical and Materials Library

HA ZARD SCREENING DATE: 2021-10-22 13:39:58

<table>
<thead>
<tr>
<th>%: 0.0000 - 100.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Coating</th>
</tr>
</thead>
</table>

HA ZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.

---

### TUNGSTEN METAL

ID: 7440-33-7

HA ZARD SCREENING METHOD: Pharos Chemical and Materials Library

HA ZARD SCREENING DATE: 2021-10-22 13:39:56

<table>
<thead>
<tr>
<th>%: 0.0000 - 100.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Coating</th>
</tr>
</thead>
</table>

HA ZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Composition presented as a range to protect proprietary recipe.
### 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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>VOC Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY: Self-declared</td>
<td>ISSUE DATE: 0000-01-01</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES: All</td>
<td>CERTIFICATE URL:</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES: Inherently non-emitting source per LEED®</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LCA</th>
<th>Environmental Product Declaration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY: Third Party</td>
<td>ISSUE DATE: 2021-10-01</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES: Olive Branch, MS</td>
<td>CERTIFICATE URL:</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

No accessories are required for this product.

### Section 5: General Notes

This Health Product Declaration was developed by Sustainable Solutions Corporation of Royersford, PA.
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 v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

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

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 standard noted.