

HPD UNIQUE IDENTIFIER: 27057

CLASSIFICATION: 08 80 00 Glazing

PRODUCT DESCRIPTION: 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.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| | | | |
|--|---|---|--|
| <p>Inventory Reporting Format</p> <p><input checked="" type="radio"/> Nested Materials Method <input type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material <input checked="" type="radio"/> Product</p> | <p>Threshold Level</p> <p><input type="radio"/> 100 ppm <input checked="" type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other</p> | <p>Residuals/Impurities</p> <p>Considered in 14 of 14 Materials</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> | <p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i></p> |
|--|---|---|--|

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-1 | 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, DICHLORODIMETHYL-,
REACTION PRODUCTS WITH SILICA LT-UNK (3-
AMINOPROPYL)TRIETHOXYSILANE LT-UNK | SKI METHANOL BM-1 |
END | MAM | PHY | DEV | MUL | REP STANNANE, DIMETHYLBIS[(1-
OXONEODECYL)OXY]- LT-UNK] PIGTAIL CABLE ASSEMBLY [
POLYVINYL CHLORIDE (PVC) LT-P1 | RES HIGH-IMPACT
POLYSTYRENE LT-UNK BRASS NoGS COPPER LT-UNK] CARBON
BLACK [CARBON BLACK BM-1 | CAN] ACRYLIC ADHESIVE [
ACRYLIC POLYMERS NoGS] PET [POLYETHYLENE
TEREPHTHALATE (PET) LT-UNK] UNDISCLOSED [UNDISCLOSED
NoGS] UNDISCLOSED [UNDISCLOSED LT-P1 | PBT] UNDISCLOSED
[UNDISCLOSED LT-P1 | MUL] GLASS COATING [NICKEL LT-1 | CAN |
RES | MUL | SKI | MAM LITHIUM LT-P1 | MUL | REP | SKI | PHY
DIINDIUM TRIOXIDE LT-P1 | CAN TIN OXIDE LT-UNK TUNGSTEN
METAL 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.

listings.

VOC emissions: VOC Emissions

LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-10-22

PUBLISHED DATE: 2022-01-13

EXPIRY DATE: 2024-10-22

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

FLAT GLASS

#: 92.3660

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Glass

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

OTHER MATERIAL NOTES: Flat glass comprises the bulk of the product. Residuals are considered and are below the disclosure threshold.

SOLID / PLATE GLASS

ID: 65997-17-3

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

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The range does not vary and this substance comprises the entire material.

BLACK SILICONE

#: 5.4100

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: Silicone used as sealant in the product. Residuals are considered and are below the disclosure threshold.

SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED

ID: 70131-67-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-10-22 13:39:48

#: 50.0000 - 60.0000

GS: BM-2

RC: None

NANO: No

SUBSTANCE ROLE: Sealant

HAZARD 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 supplier recipe.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-10-22 13:39:49

#: 40.0000 - 50.0000

GS: BM-3

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD 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 supplier recipe.

CYCLOMETHICONE

ID: 69430-24-6

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

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Sealant**

| HAZARD 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 supplier recipe.

QUARTZ

ID: 14808-60-7

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

#: **0.0000 - 1.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|-----------------------------------|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | CA EPA - Prop 65 | Carcinogen - specific to chemical form or exposure route |
| CAN | US NIH - Report on Carcinogens | Known to be Human Carcinogen (respirable size - occupational setting) |
| CAN | MAK | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | GHS - New Zealand | 6.7A - Known or presumed human carcinogens |
| CAN | GHS - Japan | H350 - May cause cancer [Carcinogenicity - Category 1A] |
| CAN | GHS - Australia | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B] |

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

ARGON GAS

#: **0.6360**

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**

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

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

UNDISCLOSEDID: **Undisclosed**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: **Structure component**

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

SUBSTANCE 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

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-12 13:12:18**%: **100.0000 - 100.0000** GS: **BM-1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: no notes for this material

SILICONE CURING AGENT%: **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**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| PBT | EC - CEPA DSL | Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans |

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**

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

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**

| HAZARD 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 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**

| HAZARD 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 supplier recipe.

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

| HAZARD 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 supplier recipe.

(3-AMINOPROPYL)TRIETHOXYSILANE

ID: 919-30-2

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

| HAZARD TYPE | AGENCY AND LIST TITLES | 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

ID: 67-56-1

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

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|--|--|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| MAM | EU - GHS (H-Statements) | H301 - Toxic if swallowed |
| MAM | EU - GHS (H-Statements) | H311 - Toxic in contact with skin |
| MAM | EU - GHS (H-Statements) | 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]-

ID: 68928-76-7

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

HAZARD 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 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)

ID: 9002-86-2

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

ID: 9003-55-8

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

ID: 12597-71-6

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

ID: 7440-50-8

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

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-12 13:12:18**%: **100.0000 - 100.0000** GS: **BM-1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: no notes available

ACRYLIC ADHESIVE

%: 0.0098 - 0.0196

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

RESIDUALS AND IMPURITIES NOTES: Tested in finished good for SVHC

OTHER MATERIAL NOTES: no other notes

ACRYLIC POLYMERS

ID: 903501-20-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-12 13:12:18**%: **100.0000 - 100.0000** GS: **NoGS** RC: **none** NANO: **No** SUBSTANCE ROLE: **Adhesive**

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

SUBSTANCE NOTES: no notes available

PET

%: 0.0078 - 0.0118

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

RESIDUALS AND IMPURITIES NOTES: Tested in accordance with SVHC limits

OTHER MATERIAL NOTES: no other notes

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 | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| None found | | No warnings found on HPD Priority Hazard Lists |

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

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-12 13:12:18**%: **0.5000 - 0.7000** GS: **NoGS** RC: **none** NANO: **No** SUBSTANCE ROLE: **Blowing agent**

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

SUBSTANCE NOTES: no notes

UNDISCLOSED%: **0.0039 - 0.0059**

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

UNDISCLOSEDID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-12 13:12:18**%: **100.0000 - 100.0000** GS: **LT-P1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Curing agent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|--|
| PBT | EC - CEPA DSL | Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms) |

SUBSTANCE NOTES: no additional notes

UNDISCLOSED%: **0.0010 - 0.0015**

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

ID: **Undisclosed**

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

%: **0.1000 - 0.1500** GS: **LT-P1** RC: **none** NANO: **No** SUBSTANCE ROLE: **Curing agent**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|----------------------------|
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |

SUBSTANCE NOTES: no notes

GLASS COATING

%: **0.0000 - 0.0500**

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Other: Tungsten, Nickel, Lithium, Diindium Trioxide, Tin Oxide

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

ID: **7440-02-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-10-22 13:39:57**

%: **0.0000 - 100.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|---|---|
| CAN | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| CAN | MAK | Carcinogen Group 1 - Substances that cause cancer in man |
| CAN | IARC | Group 1 - Agent is Carcinogenic to humans |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | US NIH - Report on Carcinogens | Known to be a human Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| RES | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen |
| RES | MAK | Sensitizing Substance Sah - Danger of airway & skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SKI | EU - GHS (H-Statements) Annex 6 Table 3-1 | H317 - May cause an allergic skin reaction [Skin sensitization - Category 1] |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |

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 |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| MUL | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters | | |
| REP | GHS - New Zealand | 6.8A - Known or presumed human reproductive or developmental toxicants | | |
| 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] | | |
| PHY | EU - GHS (H-Statements) Annex 6 Table 3-1 | 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] | | |

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 13:39:58**

#: **0.0000 - 100.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

| HAZARD 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**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-10-22 13:39:58**

#: **0.0000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

| HAZARD 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**

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

#: **0.0000 - 100.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

| HAZARD 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.

| VOC EMISSIONS | VOC Emissions | | |
|---|----------------------|--------------|------------------------|
| CERTIFYING PARTY: Self-declared | ISSUE DATE: 0000-01- | EXPIRY DATE: | CERTIFIER OR LAB: None |
| APPLICABLE FACILITIES: All | 01 | | |
| CERTIFICATE URL: | | | |
| CERTIFICATION AND COMPLIANCE NOTES: Inherently non- emitting source per LEED® | | | |

| LCA | Environmental Product Declaration | | |
|---|-----------------------------------|--------------------|----------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: 2021-10- | EXPIRY DATE: 2026- | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: Olive Branch, MS | 01 | 10-01 | Environment |
| CERTIFICATE URL: | | | |
| https://view.com/sites/default/files/documents/view-smart-glass-epd_5.pdf | | | |
| CERTIFICATION AND COMPLIANCE NOTES: | | | |

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.

MANUFACTURER INFORMATION

MANUFACTURER: View Inc.
ADDRESS: 195 S. Milpitas Blvd
 Milpitas California 95035, United States
WEBSITE: <https://view.com/>

CONTACT NAME: Shalini Gali
TITLE: High Performance Building Specialist
PHONE: 408-263-9200
EMAIL: shalini.gali@view.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

| | | |
|---------------------------------------|---|--|
| AQU Aquatic toxicity | LAN Land toxicity | PHY Physical hazard (flammable or reactive) |
| CAN Cancer | MAM Mammalian/systemic/organ toxicity | REP Reproductive |
| DEV Developmental toxicity | MUL Multiple | RES Respiratory sensitization |
| END Endocrine activity | NEU Neurotoxicity | SKI Skin sensitization/irritation/corrosivity |
| EYE Eye irritation/corrosivity | NF Not found on Priority Hazard Lists | UNK Unknown |
| GEN Gene mutation | OZO Ozone depletion | |
| GLO Global warming | PBT Persistent, bioaccumulative, and toxic | |

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| BM-2 Benchmark 2 (use but search for safer substitutes) | NoGS No GreenScreen. |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | |
| BM-U Benchmark Unspecified (due to insufficient data) | |
| LT-P1 List Translator Possible 1 (Possible Benchmark-1) | |

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

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

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
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 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.