

**HPD UNIQUE IDENTIFIER:** 4759893196800

**CLASSIFICATION:** 08 81 13 Decorative Glass Glazing

**PRODUCT DESCRIPTION:** VividGlass Reflect is comprised of a solid color interlayer between a transparent lite and a reflective glass backer. Selections are defined by configuration, color interlayer, and finish. The double-sided view configuration is ideal for glass seen from both sides. Configurations allow for full flood colors, dynamic graphic patterns, photos, and luminosity. Manufactured to specification, cut to size, and ready to install, VividGlass Reflect is suitable for both interior and exterior applications.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format                               | Threshold Level                            | Residuals/Impurities Evaluation                               |                                                                                    |
|----------------------------------------------------------|--------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| <input checked="" type="radio"/> Nested Materials Method | <input type="radio"/> 100 ppm              | <input type="radio"/> Completed                               | For all contents above the threshold, the manufacturer has:                        |
| <input type="radio"/> Basic Method                       | <input checked="" type="radio"/> 1,000 ppm | <input checked="" type="radio"/> Not Completed                | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
|                                                          | <input type="radio"/> Per GHS SDS          |                                                               | Provided weight and role.                                                          |
| <b>Threshold Disclosed Per</b>                           | <input type="radio"/> Other                | <b>Explanation(s) provided for Residuals/Impurities?</b>      | <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                           |                                            | <input checked="" type="radio"/> Yes <input type="radio"/> No | Provided screening results using HPDC-approved methods.                            |
| <input checked="" type="radio"/> Product                 |                                            |                                                               | <b>Identified</b> <input type="radio"/> Yes <input checked="" type="radio"/> No    |
|                                                          |                                            |                                                               | Provided name and CAS RN or other identifier.                                      |

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.

**NESTED MATERIAL** | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

**GREENSCREEN SCORE** | HAZARD TYPE

**GLASS** [ **GLASS, OXIDE, CHEMICALS** **LT-UNK** ] **MIRRORED GLASS** [ **GLASS, OXIDE, CHEMICALS** **LT-UNK** ] **XYLENE** **BM-1** | END | MUL | REP | SKI | EYE | MAM | AQU **ISOBUTYL ALCOHOL** **BM-2** | SKI | EYE | MAM ] **PVB FILM** [ **POLYVINYL BUTYRAL** **LT-UNK** ] **UNDISCLOSED** **NoGS** ] **TPU** [ **UNDISCLOSED** **NoGS** ] **PET** [ **POLYETHYLENE TEREPHTHALATE** **NoGS** ] **INK** [ ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The range of materials presented includes a variety of configurations available within the line, maintaining a proprietary level of disclosure regarding our product configurations. This information has been prepared using material safety data sheets for each nested material. Substances, including residuals and impurities, have been disclosed at 1000 ppm based on information provided by suppliers. Substances not disclosed have been classified as proprietary by suppliers.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: Intertek Clean Air Gold

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2024-07-11 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2024-07-12 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2027-07-11    |

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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

|                                                                                                                                                                           |  |                                                   |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|----------------------|
| GLASS                                                                                                                                                                     |  | %: 43.1353 - 45.7463                              |                      |
| PRODUCT THRESHOLD: 1000 ppm                                                                                                                                               |  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Glass |
| RESIDUALS AND IMPURITIES NOTES: _____                                                                                                                                     |  |                                                   |                      |
| OTHER MATERIAL NOTES: The range of ingredients is due to the variety of configurations, each requiring different materials to achieve the desired product specifications. |  |                                                   |                      |

GLASS, OXIDE, CHEMICALS

ID: 65997-17-3

|                                                                  |                                              |                                                                                          |                                                             |
|------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                              | HAZARD SCREENING DATE: <b>2024-07-11 22:17:08</b>                                        |                                                             |
| %: <b>100.0000 - 100.0000</b>                                    | GreenScreen: <b>LT-UNK</b>                   | RC: <b>None</b>                                                                          | NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Glass component</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                         | WARNINGS                                                                                 |                                                             |
| None found                                                       |                                              | No warnings found on HPD Priority Hazard Lists                                           |                                                             |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                         | NOTIFICATION                                                                             |                                                             |
| EXEMPT                                                           | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety |                                                             |
| SUBSTANCE NOTES:                                                 |                                              |                                                                                          |                                                             |

|                                                                                                                                                                           |  |                                                   |                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|----------------------|
| MIRRORED GLASS                                                                                                                                                            |  | %: 43.1353 - 45.7463                              |                      |
| PRODUCT THRESHOLD: 1000 ppm                                                                                                                                               |  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Glass |
| RESIDUALS AND IMPURITIES NOTES: _____                                                                                                                                     |  |                                                   |                      |
| OTHER MATERIAL NOTES: The range of ingredients is due to the variety of configurations, each requiring different materials to achieve the desired product specifications. |  |                                                   |                      |

GLASS, OXIDE, CHEMICALS

ID: 65997-17-3

|                                                           |                      |                                                |                                               |
|-----------------------------------------------------------|----------------------|------------------------------------------------|-----------------------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-07-11 22:17:08     |                                               |
| %: 97.4900 - 98.6400                                      | GreenScreen: LT-UNK  | RC: None                                       | NANO: Unknown SUBSTANCE ROLE: Glass component |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                       |                                               |
| None found                                                |                      | No warnings found on HPD Priority Hazard Lists |                                               |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION                                                                             |
|---------------------|----------------------------------------------|------------------------------------------------------------------------------------------|
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety |

SUBSTANCE NOTES: The range of ingredients is due to the information provided by suppliers, which limits our ability to share detailed ingredient compositions to maintain their proprietary formulas.

|                                                                  |                          |                                                   |                      |                                |
|------------------------------------------------------------------|--------------------------|---------------------------------------------------|----------------------|--------------------------------|
| XYLENE                                                           |                          | ID: 1330-20-7                                     |                      |                                |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2024-07-11 22:17:08</b> |                      |                                |
| %: <b>0.1026 - 0.3120</b>                                        | GreenScreen: <b>BM-1</b> | RC: <b>None</b>                                   | NANO: <b>Unknown</b> | SUBSTANCE ROLE: <b>Solvent</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                                                             |
| MUL                 | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                                                         |
| REP                 | GHS - Japan                                 | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                                                     |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| SKI                 | GHS - New Zealand                           | Skin irritation category 2                                                                                                                                |
| EYE                 | GHS - New Zealand                           | Eye irritation category 2                                                                                                                                 |
| SKI                 | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| MAM                 | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                 | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| SKI                 | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| REP                 | GHS - New Zealand                           | Reproductive toxicity category 2                                                                                                                          |
| EYE                 | GHS - Korea                                 | H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]                                                                         |
| SKI                 | GHS - Korea                                 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| MAM                 | GHS - Korea                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - Repeated exposure - Category 1]                   |
| AQU                 | GHS - Japan                                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |
| AQU                 | GHS - Japan                                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| SKI                 | GHS - Malaysia                              | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| MAM                 | GHS - Australia                             | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                                                      |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List                                                                                                                     |
|                     |                                             | Antimicrobials                                                                                                                                            |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List                                                                                                                     |
|                     |                                             | Some Solvents                                                                                                                                             |

SUBSTANCE NOTES: The range of ingredients is due to the information provided by suppliers, which limits our ability to share detailed ingredient compositions to maintain their proprietary formulas.

ISOBUTYL ALCOHOL

ID: 78-83-1

|                                                                  |                                           |                                                                                                         |                                                   |                                |
|------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                           |                                                                                                         | HAZARD SCREENING DATE: <b>2024-07-11 22:17:09</b> |                                |
| %: <b>0.0680 - 0.2500</b>                                        | GreenScreen: <b>BM-2</b>                  | RC: <b>None</b>                                                                                         | NANO: <b>Unknown</b>                              | SUBSTANCE ROLE: <b>Solvent</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                      | WARNINGS                                                                                                |                                                   |                                |
| SKI                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                  |                                                   |                                |
| EYE                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                       |                                                   |                                |
| MAM                                                              | GHS - Japan                               | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |                                                   |                                |
| EYE                                                              | GHS - New Zealand                         | Eye irritation category 2                                                                               |                                                   |                                |
| SKI                                                              | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                  |                                                   |                                |
| EYE                                                              | GHS - Japan                               | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                     |                                                   |                                |
| SKI                                                              | GHS - Japan                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                |                                                   |                                |
| SKI                                                              | GHS - Malaysia                            | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                  |                                                   |                                |
| EYE                                                              | GHS - Malaysia                            | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                       |                                                   |                                |
| EYE                                                              | GHS - Australia                           | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                       |                                                   |                                |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                      | NOTIFICATION                                                                                            |                                                   |                                |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI)     | GSPI - Six Classes Precautionary List                                                                   |                                                   |                                |
|                                                                  |                                           | Some Solvents                                                                                           |                                                   |                                |

SUBSTANCE NOTES:

PVB FILM

%: 4.4630 - 8.4166

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No      MATERIAL TYPE: Other: Not Set

RESIDUALS AND IMPURITIES NOTES: \_\_\_\_\_

OTHER MATERIAL NOTES: The range of ingredients is due to the variety of configurations, each requiring different materials to achieve the desired product specifications.

|                                                                                                                                                                                                       |                            |                 |                                                   |                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|----------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                      |                            |                 | HAZARD SCREENING DATE: <b>2024-07-11 22:17:09</b> |                                        |  |
| %: <b>73.0000 - 100.0000</b>                                                                                                                                                                          | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>Unknown</b>                              | SUBSTANCE ROLE: <b>Polymer species</b> |  |
| HAZARD TYPE                                                                                                                                                                                           | LIST NAME AND SOURCE       |                 | WARNINGS                                          |                                        |  |
| None found                                                                                                                                                                                            |                            |                 | No warnings found on HPD Priority Hazard Lists    |                                        |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                   | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                                        |  |
| None found                                                                                                                                                                                            |                            |                 | No listings found on Additional Hazard Lists      |                                        |  |
| SUBSTANCE NOTES: The range of ingredients is due to the information provided by suppliers, which limits our ability to share detailed ingredient compositions to maintain their proprietary formulas. |                            |                 |                                                   |                                        |  |

UNDISCLOSED

ID: Not Registered

|                                                                                                                                                                                                       |                          |                                                |                                                   |                                    |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------|---------------------------------------------------|------------------------------------|--|
| HAZARD DATA SOURCE: <b>Toxnot Chemical Hazard Screening Library</b>                                                                                                                                   |                          |                                                | HAZARD SCREENING DATE: <b>2024-07-11 22:04:16</b> |                                    |  |
| %: <b>0.0000 - 27.0000</b>                                                                                                                                                                            | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                | NANO: <b>Unknown</b>                              | SUBSTANCE ROLE: <b>Plasticizer</b> |  |
| HAZARD TYPE                                                                                                                                                                                           | LIST NAME AND SOURCE     | WARNINGS                                       |                                                   |                                    |  |
| None found                                                                                                                                                                                            |                          | No warnings found on HPD Priority Hazard Lists |                                                   |                                    |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                   | LIST NAME AND SOURCE     | NOTIFICATION                                   |                                                   |                                    |  |
| None found                                                                                                                                                                                            |                          | No listings found on Additional Hazard Lists   |                                                   |                                    |  |
| SUBSTANCE NOTES: The range of ingredients is due to the information provided by suppliers, which limits our ability to share detailed ingredient compositions to maintain their proprietary formulas. |                          |                                                |                                                   |                                    |  |

TPU

%: 3.7875 - 4.0167

|                                                                                                                                                                           |                                                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|
| PRODUCT THRESHOLD: 1000 ppm                                                                                                                                               | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Other: Not Set |
| RESIDUALS AND IMPURITIES NOTES: _____                                                                                                                                     |                                                   |                               |
| OTHER MATERIAL NOTES: The range of ingredients is due to the variety of configurations, each requiring different materials to achieve the desired product specifications. |                                                   |                               |

|                                                                                                                                                                                                       |                          |                 |                                                   |                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|----------------------------------------|--|
| HAZARD DATA SOURCE: <b>Toxnot Chemical Hazard Screening Library</b>                                                                                                                                   |                          |                 | HAZARD SCREENING DATE: <b>2024-07-11 22:04:19</b> |                                        |  |
| %: <b>90.0000 - 100.0000</b>                                                                                                                                                                          | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>Unknown</b>                              | SUBSTANCE ROLE: <b>Polymer species</b> |  |
| HAZARD TYPE                                                                                                                                                                                           | LIST NAME AND SOURCE     |                 | WARNINGS                                          |                                        |  |
| None found                                                                                                                                                                                            |                          |                 | No warnings found on HPD Priority Hazard Lists    |                                        |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                   | LIST NAME AND SOURCE     |                 | NOTIFICATION                                      |                                        |  |
| None found                                                                                                                                                                                            |                          |                 | No listings found on Additional Hazard Lists      |                                        |  |
| SUBSTANCE NOTES: The range of ingredients is due to the information provided by suppliers, which limits our ability to share detailed ingredient compositions to maintain their proprietary formulas. |                          |                 |                                                   |                                        |  |

PET

%: 0.0000 - 1.4203

|                                                                                                                                                                           |                                                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------|
| PRODUCT THRESHOLD: 1000 ppm                                                                                                                                               | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Other: Not Set |
| RESIDUALS AND IMPURITIES NOTES:                                                                                                                                           |                                                   |                               |
| OTHER MATERIAL NOTES: The range of ingredients is due to the variety of configurations, each requiring different materials to achieve the desired product specifications. |                                                   |                               |

POLYETHYLENE TEREPHTHALATE

ID: Not Registered

|                                                                                                                                                                                                       |                          |                 |                                                   |                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|----------------------------------------|--|
| HAZARD DATA SOURCE: <b>Toxnot Chemical Hazard Screening Library</b>                                                                                                                                   |                          |                 | HAZARD SCREENING DATE: <b>2024-07-11 22:04:21</b> |                                        |  |
| %: <b>99.0000 - 100.0000</b>                                                                                                                                                                          | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>Unknown</b>                              | SUBSTANCE ROLE: <b>Polymer species</b> |  |
| HAZARD TYPE                                                                                                                                                                                           | LIST NAME AND SOURCE     |                 | WARNINGS                                          |                                        |  |
| None found                                                                                                                                                                                            |                          |                 | No warnings found on HPD Priority Hazard Lists    |                                        |  |
| ADDITIONAL LISTINGS                                                                                                                                                                                   | LIST NAME AND SOURCE     |                 | NOTIFICATION                                      |                                        |  |
| None found                                                                                                                                                                                            |                          |                 | No listings found on Additional Hazard Lists      |                                        |  |
| SUBSTANCE NOTES: The range of ingredients is due to the information provided by suppliers, which limits our ability to share detailed ingredient compositions to maintain their proprietary formulas. |                          |                 |                                                   |                                        |  |

INK

%: 0.0279 - 0.1052

|                                 |                                                   |                               |
|---------------------------------|---------------------------------------------------|-------------------------------|
| PRODUCT THRESHOLD: 1000 ppm     | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Other: Not Set |
| RESIDUALS AND IMPURITIES NOTES: |                                                   |                               |

OTHER MATERIAL NOTES: The range of ingredients is due to the variety of configurations, each requiring different materials to achieve the desired product specifications. Ink composition varies by configuration choice and pattern. All substances in this material are below the reportable threshold.

### 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                                                                                                                                                                                                                                                                                                              |                                  | Intertek Clean Air Gold    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------|
| CERTIFYING PARTY: Third Party                                                                                                                                                                                                                                                                                              | ISSUE DATE: 2024-04-11 00:00:00  | CERTIFIER OR LAB: Intertek |
| APPLICABLE FACILITIES: Phoenix, AZ                                                                                                                                                                                                                                                                                         | EXPIRY DATE: 2025-04-10 00:00:00 |                            |
| CERTIFICATE URL:<br><a href="https://sustainabilitydirectory.intertek.com/images/certificates/58b9ef5c-a256-4fd0-96b2-4177f5223dfd_CA-96492-2024a.pdf">https://sustainabilitydirectory.intertek.com/images/certificates/58b9ef5c-a256-4fd0-96b2-4177f5223dfd_CA-96492-2024a.pdf</a>                                        |                                  |                            |
| CERTIFICATION AND COMPLIANCE NOTES: Intertek's Clean Air GOLD certification evaluates products for individual VOC emissions and ensures conformance to rigorous standards such as the ANSI/BIFMA e3 standard credit 7.6.2, 7.6.3, and the California Department of Public Health (CDPH) Standard Method v1.2 01350 (2017). |                                  |                            |

### 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

Forms+Surfaces is an unparalleled resource for custom fabrications. More than the sum of our product lines, we're an integrated resource with the expertise and agility to help you achieve success. VividGlass is compatible with Wall Cladding systems, and Elevator Interiors.

## MANUFACTURER INFORMATION

MANUFACTURER: **Forms+Surfaces**  
 ADDRESS: **1025 N 71st Avenue**  
**Phoenix, AZ 85043**  
 COUNTRY: **United States**

WEBSITE: **<https://www.forms-surfaces.com/>**  
 CONTACT NAME: **Kailani Motogawa**  
 TITLE: **Sustainability Coordinator**  
 PHONE: **805.755.2657**  
 EMAIL: **[green@forms-surfaces.com](mailto:green@forms-surfaces.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

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

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

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

### Inventory Methods:

|                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b> Substances listed within each material per threshold indicated per product   |
| <b>Basic Method / Product Threshold</b> Substances listed individually per threshold indicated per product            |

|                                                                                    |
|------------------------------------------------------------------------------------|
| <b>Nano</b> Composed of nano scale particles or nanotechnology                     |
| <b>Third Party Verified</b> Verification by independent certifier approved by HPDC |
| <b>Preparer</b> Third party preparer, if not self-prepared by manufacturer         |
| <b>Applicable facilities</b> 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*

