

HPD UNIQUE IDENTIFIER: 802246656

CLASSIFICATION: 08 81 13 Decorative Glass Glazing

PRODUCT DESCRIPTION: 3form Glass offers the timeless nature of glass with our signature design aesthetic for decorative applications. The design choices of 3form Glass are as diverse as your imagination. By allowing you to custom select color, pattern, interlayer, and type of glass, 3form Glass transforms into the perfect medium for your architectural application.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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.

**PRODUCT** | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

**GREENSCREEN SCORE** | HAZARD TYPE

**LAMINATED GLASS** [ **CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE** **LT-UNK** **TPU (THERMOPLASTIC POLYURETHANE)** **NoGS** **ACRYLIC** **NoGS** **COPOLYESTERS OF TEREPHTHALIC ACID WITH ETHYLENE GLYCOL, 1,4-CYCLOHEXANEDIMETHANOL AND DIETHYLENE GLYCOL** **NoGS** **ETHYLENEVINYLACETATE COPOLYMER** **LT-UNK** ]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Special Conditions applied: [Polymers]

No inventory or screening notes.

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: SCS Indoor Advantage Gold - Classroom & Office scenario

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2024-05-02 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2025-07-02 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2027-05-02    |

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)

LAMINATED GLASS

|                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                                                                                                                                                                                                                                     | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |
| RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were considered based on supplier SDS. SDS may not identify all Residuals or Impurities present in the materials of this product that would require reporting on the HPD. No Residuals or Impurities are expected to be present at or above Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS. |                                                    |
| OTHER PRODUCT NOTES: Residuals and Impurities were considered based on supplier SDS. SDS may not identify all Residuals or Impurities present in the materials of this product that would require reporting on the HPD. No Residuals or Impurities are expected to be present at or above Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS.            |                                                    |

| CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE                  |                                              |                 |                                                                                          | ID: 65997-17-3                         |
|------------------------------------------------------------------|----------------------------------------------|-----------------|------------------------------------------------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                              |                 | HAZARD SCREENING DATE: <b>2024-05-02 12:37:19</b>                                        |                                        |
| %: <b>95.0000</b>                                                | GreenScreen: <b>LT-UNK</b>                   | RC: <b>None</b> | NANO: <b>No</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:                                                 |                                              |                 |                                                                                          |                                        |

|                                                           |                      |          |                                                |                                   |     |
|-----------------------------------------------------------|----------------------|----------|------------------------------------------------|-----------------------------------|-----|
| TPU (THERMOPLASTIC POLYURETHANE)                          |                      |          |                                                |                                   | ID: |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      |          | HAZARD SCREENING DATE: 2024-05-02 12:37:19     |                                   |     |
| %: 0.0000 - 5.0000                                        | GreenScreen: NoGS    | RC: None | NANO: No                                       | POLYMER ROLE: Structure 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                                   |                                   |     |
| None found                                                |                      |          | No listings found on Additional Hazard Lists   |                                   |     |
| POLYMER TYPE: Thermoplastic                               |                      |          |                                                |                                   |     |

AVERAGE MOLECULAR WEIGHT : Unknown

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

ADDITIONAL SUBSTANCES CONSIDERED: No

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: TPU film used in select glass applications as specified

ACRYLIC

ID:

|                                                                  |                          |                 |                                                   |                                          |  |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-05-02 12:37:20</b> |                                          |  |
| %: <b>0.0000 - 5.0000</b>                                        | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | POLYMER ROLE: <b>Structure 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                                      |                                          |  |
| None found                                                       |                          |                 | No listings found on Additional Hazard Lists      |                                          |  |

POLYMER TYPE: Thermoplastic

AVERAGE MOLECULAR WEIGHT : Unknown

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

ADDITIONAL SUBSTANCES CONSIDERED: No

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: Acrylic Film used in select glass products as specified

COPOLYESTERS OF TEREPHTHALIC ACID WITH ETHYLENE GLYCOL, 1,4-CYCLOHEXANEDIMETHANOL AND DIETHYLENE GLYCOL

ID: 156209-91-5

|                                                                  |                          |                 |                                                   |                                          |  |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-07-12 14:01:17</b> |                                          |  |
| %: <b>0.0000 - 5.0000</b>                                        | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | POLYMER ROLE: <b>Structure 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                                      |                                          |  |
| None found                                                       |                          |                 | No listings found on Additional Hazard Lists      |                                          |  |

POLYMER TYPE: Thermoplastic

AVERAGE MOLECULAR WEIGHT : Unknown

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

ADDITIONAL SUBSTANCES CONSIDERED: No

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: Co-polyester film is used in select products as specified.

|                                                                                                                                                        |                            |                                                   |                 |                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                       |                            | HAZARD SCREENING DATE: <b>2024-05-02 12:37:20</b> |                 |                               |
| ?: <b>0.0000 - 2.0000</b>                                                                                                                              | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | POLYMER ROLE: <b>Adhesive</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      |                 |                               |
| POLYMER TYPE: Crosslinked thermoset                                                                                                                    |                            |                                                   |                 |                               |
| AVERAGE MOLECULAR WEIGHT : Unknown                                                                                                                     |                            |                                                   |                 |                               |
| PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown                                                                                  |                            |                                                   |                 |                               |
| ADDITIONAL SUBSTANCES CONSIDERED: No                                                                                                                   |                            |                                                   |                 |                               |
| POLYMER NOTES: This polymer has been reported in accordance to <a href="#">HPDC Special Conditions Policy</a> for polymers with disclosed CAS numbers. |                            |                                                   |                 |                               |
| ADDITIONAL NOTES: EVA glass interlayer used in select glass products as specified                                                                      |                            |                                                   |                 |                               |

## 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                                                                                      | SCS Indoor Advantage Gold - Classroom & Office scenario |                              |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------------------|
| CERTIFYING PARTY: Third Party                                                                      | ISSUE DATE: 2025-02-26 00:00:00                         | CERTIFIER OR LAB: SCS Global |
| APPLICABLE FACILITIES: Applicable to all 3form glass                                               | EXPIRY DATE: 2026-02-25 00:00:00                        | Services                     |
| CERTIFICATE URL: <a href="https://www.3-form.com/tech-specs">https://www.3-form.com/tech-specs</a> |                                                         |                              |
| 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.*

| INSTALLATION HARDWARE                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MANUFACTURER (OR GENERIC): <b>Generic</b>                                                                                                                                                                                    |
| HPD URL: No HPD Available                                                                                                                                                                                                    |
| ACCESSORY TYPE: Installation Accessory                                                                                                                                                                                       |
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Installation hardware may include, but is not limited to, fasteners, hinges, frames, for other installation components as specified by the needs of the customer. |

## Section 5: General Notes

3form Glass is suitable for usage in applications such as partitions, cladding, canopies, signage, lighting, reception desks, table tops, artisan applications, and more.

**MANUFACTURER INFORMATION**

MANUFACTURER: **3form**  
ADDRESS: **2300 S 2300 W**  
**Salt Lake City, Utah 84119**  
COUNTRY: **United States**

WEBSITE: **3-form.com**  
CONTACT NAME: **Lauren Smith**  
TITLE: **Director of Sustainability**  
PHONE: **3855440327**  
EMAIL: **lauren.smith@3-form.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*

