

**CLASSIFICATION:** Fiberglass Reinforced Plastic Panels (FRP)

**PRODUCT DESCRIPTION:** Duet™ Wall Panels provide wall protection for commercial interior settings that not only require strong design elements, but also demand high sanitary standards - including moisture, mold and mildew resistance. This hard-working, easy-to clean surface solution can help satisfy most any design vision by using digital printing, high quality inks and a scratch resistant coating. Available in 10 standard and infinite custom designs, Duet™ panels easily fit with any interior style.

**Section 1: Summary**

**Nested Method / Product Threshold**

**CONTENT INVENTORY**

**Inventory Reporting Format**

- Nested Materials Method
- Basic Method

**Threshold level**

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

**Residuals/Impurities**

Residuals/Impurities  
Considered in 6 of 6 Materials

Explanation(s) provided  
for Residuals/Impurities?  
 Yes  No

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No  
*% weight and role provided for all substances.*

**Screened**  Yes Ex/SC  Yes  No  
*All substances screened using Priority Hazard Lists with results disclosed.*

**Identified**  Yes Ex/SC  Yes  No  
*All substances disclosed by Name (Specific or Generic) and Identifier.*

**Threshold Disclosed Per**

- Material
- Product

**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**

**POLYESTER RESIN CALCIUM CARBONATE FIBERGLASS FIBER STYRENE PIGMENT UV CURABLE COATING**

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest concern GreenScreen Benchmark or List translator Score ... UNK  
Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Based on process knowledge and third party emission testing

**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: GreenGuard - Gold (previously Children & Schools)  
Formaldehyde content: GreenGuard - Gold (previously Children & Schools)

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1 and Option 2

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-09-27

PUBLISHED DATE: 2019-09-27

EXPIRY DATE: 2022-09-27



## 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 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### POLYESTER RESIN

%: 40.00 - 50.00

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Product is tested on a quarterly basis for it's UL Greenguard Gold certification

OTHER MATERIAL NOTES: Resin polymerized to make final product. All substances in this material are below the reportable threshold. All substances in this material are below the reportable threshold.

### CALCIUM CARBONATE

%: 40.00 - 50.00

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Product is tested on a quarterly basis for it's UL Greenguard Gold certification

OTHER MATERIAL NOTES: Filler in panel. All substances in this material are below the reportable threshold. All substances in this material are below the reportable threshold.

### FIBERGLASS FIBER

%: 10.00 - 20.00

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Product is tested on a quarterly basis for it's UL Greenguard Gold certification

OTHER MATERIAL NOTES: Fiber reinforcement in panel. All substances in this material are below the reportable threshold.

### STYRENE

%: 0.00 - 1.00

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Product is tested on a quarterly basis for it's UL Greenguard Gold certification

OTHER MATERIAL NOTES: Resin solvent. All substances in this material are below the reportable threshold.

### PIGMENT

%: 0.00 - 3.00

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Product is tested on a quarterly basis for it's UL Greenguard Gold certification

OTHER MATERIAL NOTES: Pigment. All substances in this material are below the reportable threshold. All substances in this material are below the reportable threshold.

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Product is tested on a quarterly basis for it's UL Greenguard Gold certification**

OTHER MATERIAL NOTES: **Surface coating/ink. All substances in this material are below the reportable threshold.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

### GreenGuard - Gold (previously Children & Schools)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2008-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **Morristown, TN FRP Plant**

**04-09**

**04-06**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Product is tested on a quarterly basis for it's UL Greenguard Gold certification**

### FORMALDEHYDE CONTENT

### GreenGuard - Gold (previously Children & Schools)

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2008-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **Morristown TN FRP Plant**

**04-09**

**04-06**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Product is tested on a quarterly basis for it's UL Greenguard Gold certification**

## 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

UL Environment is an organization that oversees the GREENGUARD certification program for indoor air quality. The goal of the program is to improve public health and quality of life by helping manufacturers build better and safer products. Panolam Surface Systems® is proud to be recognized by this organization with GREENGUARD and GREENGUARD GOLD certification on many of our products.



## MANUFACTURER INFORMATION

MANUFACTURER: **Panolam Industries International Inc**  
 ADDRESS: **1 CORPORATE DRIVE, Suite 725**  
**Shelton Connecticut 06484, United States**  
 WEBSITE: **www.panolam.com**

CONTACT NAME: **Jeffrey O'Hearn**  
 TITLE: **Sr. Director of Environmental and Safety**  
 PHONE: **2039251556**  
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## KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet  
**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Hazard Types

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<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>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### Recycled Types

**PreC** Preconsumer (Post-Industrial)  
**PostC** Postconsumer  
**Both** Both Preconsumer and Postconsumer  
**Unk** Inclusion of recycled content is unknown  
**None** Does not include recycled content

### Other Terms

#### 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.*