ENSEMBLE™ ACOUSTICAL DRYWALL CEILING by USG

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 28898
CLASSIFICATION: 09 51 00 Acoustical Ceilings
PRODUCT DESCRIPTION: Design with excellent acoustic performance without compromising the seamless beauty of drywall. Breakthrough innovations across USG technologies in drywall, finishing and acoustical systems come together in one system to maximize sound control. Now you can elevate the idea of what a ceiling can do for you, especially in high end applications. Ensemble™ is ideal for high-end applications, including lobbies, atriums, executive/board rooms, museums - or other spaces with multiple hard surfaces.

Section 1: Summary

CONTENT INVENTORY

Inventory Reporting Format
- Nested Materials Method
- Basic Method
Threshold Disclosed Per
- Material
- Product
Threshold Level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other
Residuals/Impurities
- Considered in 4 of 4 Materials
All Substances Above the Threshold Indicated Are:
- Characterized
- Yes Ex/SC
- Yes
- No
- % weight and role provided for all substances.
- Yes Ex/SC
- Yes
- No
Screened
- Yes Ex/SC
- Yes
- No
All substances screened using Priority Hazard Lists with
results disclosed.
- Yes Ex/SC
- Yes
- No
Identified
- Yes Ex/SC
- Yes
- No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/or one or more Special Condition did not follow guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY |
---------|------------|----------------------|
GREENSCREEN SCORE | HAZARD TYPE |


VOC CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

PREPARER: Self-Prepared
VERIFIER: Self-Prepared
VERIFICATION #: Self-Prepared
SCREENING DATE: 2022-06-23
PUBLISHED DATE: 2022-06-23
EXPIRY DATE: 2025-06-23
This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:
- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

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

<table>
<thead>
<tr>
<th>USG SHEETROCK® BRAND ENSEMBLE™ PANELS</th>
<th>%: 46.5900 - 49.5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD: 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES CONSIDERED:</td>
<td>Yes</td>
</tr>
<tr>
<td>MATERIAL TYPE: Other: Panel</td>
<td></td>
</tr>
</tbody>
</table>

RESIDUALS AND IMPURITIES NOTES: Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

OTHER MATERIAL NOTES:
- CALCIUM SULFATE DIHYDRATE

ID: 10101-41-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:45
%
41.0000 - 43.0000
GS: LT-UNK
RC: Both
NANO: No
SUBSTANCE ROLE: Structure component

None found
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

<table>
<thead>
<tr>
<th>CELLULOSE, MICROCRYSTALLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID: 9004-34-6</td>
</tr>
</tbody>
</table>
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:46
%
2.0000 - 3.0000
GS: LT-UNK
RC: PostC
NANO: No
SUBSTANCE ROLE: Structure component

RES
AOEC - Asthmagens
Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

<table>
<thead>
<tr>
<th>POLYVINYL ALCOHOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID: 9002-89-5</td>
</tr>
</tbody>
</table>
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:48
%
0.5000 - 1.0000
GS: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Adhesive

None found
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.
STARCH

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:49
%
0.5000 - 1.0000
GS: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Filler

HAZARD TYPE
AGENCY AND LIST TITLES
WARNINGS
None found

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

FIBERGLASS

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:50
%
0.5000 - 1.1000
GS: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Structure component

HAZARD TYPE
AGENCY AND LIST TITLES
WARNINGS
None found

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:54
%
0.0500 - 0.2000
GS: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Binder

HAZARD TYPE
AGENCY AND LIST TITLES
WARNINGS
None found

SUBSTANCE NOTES: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 4.0).

ALUMINUM HYDROXIDE, DRIED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:54
%
0.0300 - 0.1000
GS: BM-2
RC: None
NANO: No
SUBSTANCE ROLE: Flame retardant

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

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

GLUCOSE

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2022-06-23 14:18:55
%
0.0200 - 0.1000
GS: BM-3
RC: None
NANO: No
SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.
None found

Substance Notes: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

USG Ensemble™ High-NRC Backer Panels

%: 18.0000 - 22.0000

Product Threshold: 1000 ppm
Residuals and Impurities Considered: Yes
Material Type: Other: Ceiling Panel

Residuals and Impurities Notes: Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

Other Material Notes:
## MINERAL WOOL WITH FIBER DIAMETER > 6 μM

**ID:** 65997-17-3  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2022-06-23 14:18:46  

<table>
<thead>
<tr>
<th>%:</th>
<th>18.0000 - 22.0000</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS:</td>
<td>LT-UNK</td>
</tr>
<tr>
<td>RC:</td>
<td>PreC</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Structure component</td>
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</tbody>
</table>

**HAZARD TYPE**  
None found  

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

**WARNINGS**  
No warnings found on HPD Priority Hazard Lists  

**SUBSTANCE NOTES:** The synthetic mineral wool fiber used in this product is exonerated from classification as a carcinogenic in accordance with Note Q in the EU Commission Directive 97/69/EC. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

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## UNDISCLOSED

**ID:** Undisclosed  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2022-06-23 14:18:48  

<table>
<thead>
<tr>
<th>%:</th>
<th>0.8000 - 1.1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS:</td>
<td>NoGS</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Binder</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
None found  

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

**WARNINGS**  
No warnings found on HPD Priority Hazard Lists  

**SUBSTANCE NOTES:** Proprietary ingredient. Polymer is considered non-hazardous, contains no reactive residuals, and has an oral LD50 > 5,000 mg/kg. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 4).

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## STARCH

**ID:** 9005-25-8  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2022-06-23 14:18:50  

<table>
<thead>
<tr>
<th>%:</th>
<th>0.4000 - 0.8000</th>
</tr>
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<tbody>
<tr>
<td>GS:</td>
<td>LT-UNK</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Binder</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
None found  

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

**WARNINGS**  
No warnings found on HPD Priority Hazard Lists  

**SUBSTANCE NOTES:** No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

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## PLASTER OF PARIS

**ID:** 26499-65-0  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2022-06-23 14:18:52  

<table>
<thead>
<tr>
<th>%:</th>
<th>0.1000 - 0.5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS:</td>
<td>NoGS</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td>Filler</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**  
None found  

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

**WARNINGS**  
No warnings found on HPD Priority Hazard Lists  

**SUBSTANCE NOTES:** No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

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## USG ENSEMBLE™ SPRAY-APPLIED FINISH

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

| %: | 5.0000 - 6.0000 |

---
**Residuals and Impurities Notes:** Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

**Other Material Notes:**

**Water**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2022-06-23 14:18:47</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 2.0000 - 3.0000</td>
<td>GS: BM-4</td>
<td>RC: None</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
</tbody>
</table>

**Substance Notes:** No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

**Limestone**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2022-06-23 14:18:47</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 1.0000 - 2.0000</td>
<td>GS: BM-3dg</td>
<td>RC: None</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
</tbody>
</table>

**Substance Notes:** No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

**Titanium Dioxide**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2022-06-23 14:18:51</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.4000 - 1.0000</td>
<td>GS: LT-1</td>
<td>RC: None</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
</tr>
</tbody>
</table>

- CAN: US CDC - Occupational Carcinogens: Occupational Carcinogen
- CAN: CA EPA - Prop 65: Carcinogen - specific to chemical form or exposure route
- CAN: IARC: Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
- CAN: MAK: Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
- END: TEDX - Potential Endocrine Disruptors: Potential Endocrine Disruptor
- CAN: MAK: Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
- CAN: EU - GHS (H-Statements) Annex 6 Table 3-1: H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

**Substance Notes:** Since titanium dioxide is bound with in the coating and not inhalable, it is excluded from several regulatory hazard lists. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.
2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHENYL ACETATE

ID: 25067-01-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2022-06-23 14:18:51

%: 0.3000 - 0.5000  GS: LT-UNK  RC: None  NANO: No  SUBSTANCE ROLE: Binder

HAZARD TYPE  AGENCY AND LIST TITLES  WARNINGS

None found  No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm 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 SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2022-06-23 14:18:52

%: 0.3000 - 0.5000  GS: LT-UNK  RC: None  NANO: No  SUBSTANCE ROLE: Viscosity modifier

HAZARD TYPE  AGENCY AND LIST TITLES  WARNINGS

None found  No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

KAOLIN, CALCINED

ID: 92704-41-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2022-06-23 14:18:53

%: 0.1000 - 0.3000  GS: LT-UNK  RC: None  NANO: No  SUBSTANCE ROLE: Filler

HAZARD TYPE  AGENCY AND LIST TITLES  WARNINGS

None found  No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2022-06-23 14:18:53

%: 0.1000 - 0.3000  GS: LT-UNK  RC: None  NANO: No  SUBSTANCE ROLE: Surface modifier

HAZARD TYPE  AGENCY AND LIST TITLES  WARNINGS

None found  No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

USG SHEETROCK® BRAND ENSEMBLE™ CEILING COMPOUND

%H: 0.8000 - 1.2000
PRODUCT THRESHOLD: 1000 ppm
RESIDUALS AND IMPURITIES CONSIDERED: Yes
MATERIAL TYPE: Other: Finish

RESIDUALS AND IMPURITIES NOTES: Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

OTHER MATERIAL NOTES:

<table>
<thead>
<tr>
<th>LIMESTONE</th>
<th>ID: 1317-65-3</th>
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<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2022-06-23 14:18:49</td>
</tr>
<tr>
<td>%: 0.5000 - 1.0000</td>
<td>GS: BM-3dg</td>
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<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>None found</td>
<td></td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

<table>
<thead>
<tr>
<th>WATER</th>
<th>ID: 7732-18-5</th>
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<tbody>
<tr>
<td>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</td>
<td>HAZARD SCREENING DATE: 2022-06-23 14:18:52</td>
</tr>
<tr>
<td>%: 0.2000 - 0.5000</td>
<td>GS: BM-4</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>None found</td>
<td></td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.
Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>UL/GreenGuard Gold Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Walworth, WI</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="http://spot.ul.com">http://spot.ul.com</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-11-10</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
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<tr>
<td>CERTIFIER OR LAB:</td>
<td>UL Environment</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. Maximum allowable predicted TVOC concentrations for GREENGUARD Gold (0.22 mg/m³) fall in the range of 0.5 mg/m³ or less, as specified in CDPH Standard Method v1.2.

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

The International Agency for Research on Cancer (IARC) in June, 1987, categorized continuous filament glass fibers as not classifiable with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify continuous filament glass fiber as a possible, probable, or confirmed cancer causing material.
MANUFACTURER INFORMATION

MANUFACTURER: USG
ADDRESS: 550 W. Adams Street
Chicago IL 60661, United States
WEBSITE: usg.com

CONTACT NAME: Stacy Simpson
TITLE: Sustainability Manager
PHONE: 1-800-USG4YOU
EMAIL: sustainability@usg.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

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

GreenScreen (GS)

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM-4</td>
<td>Benchmark 4 (prefer-safer chemical)</td>
</tr>
<tr>
<td>BM-3</td>
<td>Benchmark 3 (use but still opportunity for improvement)</td>
</tr>
<tr>
<td>BM-2</td>
<td>Benchmark 2 (use but search for safer substitutes)</td>
</tr>
<tr>
<td>BM-1</td>
<td>Benchmark 1 (avoid - chemical of high concern)</td>
</tr>
<tr>
<td>BM-U</td>
<td>Benchmark Unspecified (due to insufficient data)</td>
</tr>
<tr>
<td>LT-P1</td>
<td>List Translator Possible 1 (Possible Benchmark-1)</td>
</tr>
</tbody>
</table>

Recycled Types

<table>
<thead>
<tr>
<th>Inclusion Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PreC</td>
<td>Pre-consumer recycled content</td>
</tr>
<tr>
<td>PostC</td>
<td>Post-consumer recycled content</td>
</tr>
<tr>
<td>UNK</td>
<td>Inclusion of recycled content is unknown</td>
</tr>
<tr>
<td>None</td>
<td>Does not include recycled content</td>
</tr>
</tbody>
</table>

Nano

<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nanoparticle</td>
<td>Nanoparticles or nanotechnology</td>
</tr>
</tbody>
</table>

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.