Section 1: Summary

CONTENT INVENTORY

Residuals and impurities considered in 1 of 1 materials

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

Based on the selected Content Inventory Threshold:

- Characterized
- Are the Percent Weight and Role provided for all substances?
- Yes
- No

- Screened
- Are all substances screened using Priority Hazard Lists with results disclosed?
- Yes
- No

- Identified
- Are all substances disclosed by Name (Specific or Generic) and Identifier?
- Yes
- No

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

USG "F" Fissured™ Basic Acoustical Ceiling Panels | MINERAL WOOL (BIOSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT GREATER THAN 18 % BY WEIGHT) | LT-UNK
PLASTER OF PARIS | UNK
STARCH | LT-UNK
KAOLIN CLAY | LT-UNK
CALCIUM CARBONATE | BM-3
BORIC ACID | LT-1
TITANIUM DIOXIDE | LT-1
UNDISCLOSED | LT-UNK

Number of Greenscreen BM-4/BM3 contents........ 1
Contents highest concern GreenScreen Benchmark or List translator Score............
LT-1
Nanomaterial............. No

INVENTORY AND SCREENING NOTES:

- Residuals/Impurities in raw materials are quantitatively measured and are displayed in the HPD when greater than or equal to 1000 ppm.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: GREENGUARD Certification - USG "F" Fissured™ Basic Acoustical Ceiling Panels
Other: Environmental Product Declaration - USG "F" Fissured™ Basic Acoustical Ceiling Panels

See Section 3 for additional listings.
This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

<table>
<thead>
<tr>
<th>Material Description</th>
<th>ID</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
<th>HPD URL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Wool (Biosoluble, With Alkaline Oxide And Alkali Earth Oxide Content Greater Than 18 % By Weight)</td>
<td>65997-17-3</td>
<td>60.0000 - 72.0000</td>
<td>LT-UNK</td>
<td>PreC</td>
<td>NO</td>
<td>Core/Basemat</td>
<td></td>
</tr>
<tr>
<td>HAZARDS:</td>
<td>AGENCY(IES) WITH WARNINGS:</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE NOTES: The synthetic mineral wool fiber used in this product is exonerated from classification as a carcinogen in accordance with Note Q in the EU Commission Directive 97/69/EC. No residuals/impurities at 1000 ppm.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Plaster of Paris                                                                   | 26499-65-0 | 12.0000 - 15.0000 | UNK       | PreC      | NO      | Filler/Basemat |          |
| HAZARDS:                                                                            | AGENCY(IES) WITH WARNINGS: | None Found | No warnings found on HPD Priority lists |
| SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.                               |          |

| Starch                                                                             | 9005-25-8 | 9.0000 - 12.0000 | LT-UNK    | None      | NO      | Binder/Basemat |          |
| HAZARDS:                                                                            | AGENCY(IES) WITH WARNINGS: | None Found | No warnings found on HPD Priority lists |
| SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.                               |          |

<p>| Kaolin Clay                                                                        | 1332-58-7 | 1.0000 - 1.5000 | LT-UNK    | None      | NO      | Paint filler/Coating |          |</p>
<table>
<thead>
<tr>
<th>HAZARDS:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>MAK</td>
</tr>
<tr>
<td></td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
<tr>
<td>SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.</td>
<td></td>
</tr>
</tbody>
</table>

**CALCIUM CARBONATE**

| %: 0.8000 - 1.2000 | GS: BM-3 | RC: None | NANO: NO | ROLE: Paint filler/Coating |

**HAZARDS:**

None Found

**SUBSTANCE NOTES:** No residuals/impurities at 1000 ppm.

**BORIC ACID**

| %: 0.5000 - 0.8000 | GS: LT-1 | RC: None | NANO: NO | ROLE: Fire retardant/Basemat |

**HAZARDS:**

- REPRODUCTIVE EU - R-phrases
  - R60 - May impair fertility
- DEVELOPMENTAL EU - R-phrases
  - R61 - May cause harm to the unborn child
- ENDOCRINE EU - Priority Endocrine Disrupters
  - Category 1 - In vivo evidence of Endocrine Disruption Activity
- REPRODUCTIVE EU - SVHC Authorisation List
  - Toxic to reproduction - Prioritized for listing
- REPRODUCTIVE EU - GHS (H-Statements)
  - H360FD - May damage fertility. May damage the unborn child
- MULTIPLE ChemSec - SIN List
  - CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
- ENDOCRINE TEDX - Potential Endocrine Disruptors
  - Potential Endocrine Disruptor
- DEVELOPMENTAL MAK
  - Pregnancy Risk Group B
- REPRODUCTIVE EU - Annex VI CMRs
  - Reproductive Toxicity - Category 1B

**SUBSTANCE NOTES:** No residuals/impurities at 1000 ppm.

**TITANIUM DIOXIDE**

| %: 0.0900 - 0.2000 | GS: LT-1 | RC: None | NANO: NO | ROLE: Pigment/Coating |

USG “F" Fissured™ Basic Acoustical Ceiling Panels Health Product Declaration Page 3 of 6 created via: HPDC Online Builder www.hpd-collaborative.org
**HAZARDS:**

<table>
<thead>
<tr>
<th>CANCER</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>US CDC - Occupational Carcinogens</td>
</tr>
<tr>
<td></td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td></td>
<td>CA EPA - Prop 65</td>
</tr>
<tr>
<td></td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td></td>
<td>IARC</td>
</tr>
<tr>
<td></td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td></td>
<td>MAK</td>
</tr>
<tr>
<td></td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Since titanium dioxide is bound within the coating and not inhalable, it is excluded from several regulatory hazard lists. No residuals/impurities at 1000 ppm.

**UNDISCLOSED**

| %: 0.0700 - 0.2000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Binder/Coating |

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Proprietary ingredient. No residuals/impurities at 1000 ppm.

### 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

**CERTIFYING PARTY:** Self-declared  
**APPLICABLE FACILITIES:** Walworth, WI  
**CERTIFICATE URL:**  
**CERTIFICATION AND COMPLIANCE NOTES:**

**OTHER**

**CERTIFYING PARTY:** Third Party  
**APPLICABLE FACILITIES:** Walworth, WI  
**CERTIFICATE URL:**  
**CERTIFICATION AND COMPLIANCE NOTES:**

**GREENGUARD Certification - USG "F" Fissured™ Basic Acoustical Ceiling Panels**

<table>
<thead>
<tr>
<th>ISSUE DATE</th>
<th>EXPIRY DATE</th>
<th>CERTIFIER OR LAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-06-01</td>
<td>0000-00-00</td>
<td>Environment</td>
</tr>
</tbody>
</table>

**Environmental Product Declaration - USG "F" Fissured™ Basic Acoustical Ceiling Panels**

<table>
<thead>
<tr>
<th>ISSUE DATE</th>
<th>EXPIRY DATE</th>
<th>CERTIFIER OR LAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-09-01</td>
<td>0000-00-00</td>
<td>Environment</td>
</tr>
</tbody>
</table>

### 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.
Ingredient specific notes are included in Section 2.
Section 6: References

MANUFACTURER INFORMATION

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

CONTACT NAME: Stacy Simpson
TITLE: Sustainability Analyst II, Authorized GreenScreen Practitioner
PHONE: 1-800-USG4YOU
EMAIL: sustainability@usg.com

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

AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAM Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)
BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
UNK Unknown (no data on List Translator Lists)

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
Nano Composed of nanoscale particles or nanotechnology

Declaration Level
Self-declared Manufacturer’s self-declaration (First Party)
Independent Lab Manufacturer’s self-declaration using results from an independent lab
Second Party Verification by trade association or other interested party
Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a “Health Product Declaration,” or “HPD.” 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 Open Standard noted.