Sheetrock® Brand UltraLight Panels by USG

HPD UNIQUE IDENTIFIER: 24871
CLASSIFICATION: 09 20 00 Plaster and Gypsum Board

PRODUCT DESCRIPTION: Sheetrock® Brand UltraLight Panels are 1/2 in. (12.7 mm) gypsum panels that feature proprietary core and paper technologies, resulting in a high strength-to-weight ratio composite design. These lightweight panels are also engineered to have superior sag resistance, eliminating the need for traditional 1/2 in. (12.7 mm) sag-resistant ceiling panels. The noncombustible gypsum core is encased in 100% recycled face and back papers, and the face paper is folded around the long edges to reinforce and protect the core. The ends of the panels are cut square and even, while the the long edges are tapered, allowing joints to be reinforced and concealed with Sheetrock® Brand joint treatment systems.

Section 1: Summary

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
<th>All Substances Above the Threshold Indicated Are:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Considered</td>
<td>Characterized&lt;/c&gt; Yes Ex/SC Yes No</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td>Partially Considered</td>
<td>% weight and role provided for all substances.</td>
</tr>
<tr>
<td>Threshold Disclosed Per</td>
<td>Per GHS SDS</td>
<td>Not Considered</td>
<td>Screened&lt;/c&gt; Yes Ex/SC Yes No</td>
</tr>
<tr>
<td>Material</td>
<td>Other</td>
<td>Explanation(s) provided for Residuals/Impurities?</td>
<td></td>
</tr>
<tr>
<td>Product</td>
<td></td>
<td>Yes&lt;/c&gt; No</td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHEETROCK® BRAND ULTRALIGHT PANELS</td>
<td>CALCIUM SULFATE DIHYDRATE</td>
<td>LT-UNK</td>
<td>LT-P1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CELLULOSE, MICROCRYSTALLINE</td>
<td>LT-UNK</td>
<td>LT-UNK</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RES</td>
<td>STARCH</td>
<td>LT-UNK</td>
<td>UNDISCLOSED LT-UNK</td>
</tr>
<tr>
<td></td>
<td>GLUCOSE</td>
<td>BM-3</td>
<td>ALUMINUM SULFATE</td>
<td>LT-P1</td>
</tr>
</tbody>
</table>

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: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?
- Yes
- No
PREPARER: Self-Prepared
VERIFIER: Self-Prepared
SCREENING DATE: 2021-05-18
PUBLISHED DATE: 2021-05-21
EXPIRY DATE: 2024-05-18
### SHEETROCK® BRAND ULTRALIGHT PANELS

**PRODUCT THRESHOLD:** 1000 ppm  

**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Raw materials in this product may contain trace amounts of respirable crystalline silica. Testing has shown exposures to respirable crystalline silica are not expected to exceed the OSHA Permissible Exposure Level (PEL) during the normal use of this product. See the SDS on usg.com for occupational exposure information. No Residuals or Impurities are expected to be present at or above the 100 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

**OTHER PRODUCT NOTES:** Percent ranges displayed for this HPD are for all manufacturing plants that make this product and may vary.

#### CALCIUM SULFATE DIHYDRATE

**ID:** 10101-41-4

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  

**HAZARD SCREENING DATE:** 2021-05-18 12:59:19

**%:** 87.0000 - 95.0000  

**GS:** LT-UNK  

**RC:** PreC  

**NANO:** No  

**SUBSTANCE ROLE:** Structure component

**HAZARD TYPE**  

**AGENCY AND LIST TITLES**  

**WARNINGS**  

None found  

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** Also identified as CAS RN 13397-24-5. 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. The use of FGD gypsum and the pre-consumer recycled content of Sheetrock® Brand UltraLight Panels will vary by the manufacturing plant.

#### CELLULOSE, MICROCRYSTALLINE

**ID:** 9004-34-6

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  

**HAZARD SCREENING DATE:** 2021-05-18 13:00:30

**%:** 6.0000 - 10.0000  

**GS:** LT-UNK  

**RC:** Both  

**NANO:** No  

**SUBSTANCE ROLE:** Structure component

**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.

#### STARCH

**ID:** 9005-25-8

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  

**HAZARD SCREENING DATE:** 2021-05-18 13:01:47

**%:** 0.2000 - 2.0000  

**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.
Un disclosed ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2021-05-18 13:06:20

%: 0.0100 - 0.3000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Tensile strength additive

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)

NAPHTHALENESULFONIC ACID, POLYMER WITH FORMALDEHYDE, CALCIUM SALT

ID: 37293-74-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2021-05-18 13:09:22

%: 0.0100 - 0.3000  
GS: LT-P1  
RC: None  
NANO: No  
SUBSTANCE ROLE: Dispersant

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS

None found

SUBSTANCE NOTES: USG has made an effort to decrease and will ultimately replace this dispersant. 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

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2021-05-18 13:03:33

%: 0.0000 - 1.0000  
GS: BM-3  
RC: None  
NANO: No  
SUBSTANCE ROLE: Filler

HAZARD TYPE  
AGENCY AND LIST TITLES  
WARNINGS

None found

SUBSTANCE NOTES: May contain. 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

ID: 50-99-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2021-05-18 13:07:19

%: 0.0000 - 0.5000  
GS: BM-3  
RC: None  
NANO: No  
SUBSTANCE ROLE: Binder

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.

ALUMINUM SULFATE ANHYDROUS

ID: 10043-01-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2021-05-21 7:05:18

%: 0.0000 - 0.3000  
GS: LT-P1  
RC: None  
NANO: No  
SUBSTANCE ROLE: Accelerator
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</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.

**POLY(METHYLHYDROSILOXANE)**

**ID:** 63148-57-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2021-05-21 7:08:40

**%:** 0.0000 - 0.2000  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Water resistance

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</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>All manufacturing plants.</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://spot.ul.com">https://spot.ul.com</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2016-01-29</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<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.

USG SHEETROCK® OR BEADEX® BRAND FINISHING PRODUCTS


CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
For high-quality finishing results, USG recommends USG Sheetrock® or Beadex® Brand finishing products. Painting products and systems should be used that comply with recommendations and requirements in Appendices of ASTM C840. For priming and decorating with paint, texture or wall covering, follow manufacturer's directions for materials used. Gypsum Association’s Recommended Specification for Levels of Gypsum Board Finish (GA-214) should be referred to in order to determine the level of finishing needed to ensure a surface properly prepared to accept the final decoration. For additional installation information, refer to product submittal sheet.

Section 5: General Notes

Ingredient specific notes are included in Section 2.
### MANUFACTURER INFORMATION

<table>
<thead>
<tr>
<th>MANUFACTURER: USG</th>
<th>CONTACT NAME: Stacy Simpson</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS: 550 W Adams St Chicago IL 60661, United States</td>
<td>TITLE: Sustainability Manager</td>
</tr>
<tr>
<td>WEBSITE: usg.com</td>
<td>PHONE: 1-800-USG4YOU</td>
</tr>
<tr>
<td></td>
<td>EMAIL: <a href="mailto:sustainability@usg.com">sustainability@usg.com</a></td>
</tr>
</tbody>
</table>

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

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

#### 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 (due to insufficient data)
- **LT-P1** List Translator Possible 1 (Possible Benchmark-1)
- **LT-1** List Translator 1 (Likely Benchmark-1)
- **LT-UNK** List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
- **NoGS** No GreenScreen.

### Recycled Types

- **PreC** Pre-consumer recycled content
- **PostC** Post-consumer recycled content
- **UNK** Inclusion of recycled content is unknown
- **None** Does not include recycled content

### Other Terms:

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

### 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

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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.