

CLASSIFICATION: 09 51 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: MANUFACTURED BY USG INTERIORS, LLC. USG FROST™ ACOUSTICAL CEILING PANELS ARE FINE-TEXTURED, CAST ACOUSTICAL PANELS THAT RESIST SAGGING AND FEATURE AN EXCELLENT COMBINATION OF NOISE REDUCTION AND LIGHT REFLECTANCE. THEY ARE PERFECT FOR CONFERENCE AND LOBBY AREAS, EXECUTIVE OFFICES, OPEN OFFICE PLANS, BOUTIQUES AND EDUCATION ENVIRONMENTS.

**Section 1: Summary**

**CONTENT INVENTORY**

Threshold per material	Residuals and impurities considered in 1 of 1 materials
<input type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2: Material Notes
<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 5: General Notes
<input type="radio"/> Per GHS SDS	
<input type="radio"/> Per OSHA MSDS	
<input type="radio"/> Other	

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
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.

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

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

**INVENTORY AND SCREENING NOTES:**

Chemical inventory of the ingredients in USG Frost™, Frost™ Basic, Frost™ High-LR, and Frost™ High-NRC/High-CAC Acoustical Panels. Residuals/Impurities in raw materials are quantitatively measured and are displayed in the HPD when greater than or equal to 1000 ppm.

USG FROST™ ACOUSTICAL CEILING PANELS [ MINERAL WOOL (BIOSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT GREATER THAN 18 % BY WEIGHT) LT-UNK STARCH LT-UNK PLASTER OF PARIS UNK BORIC ACID LT-1 | REP | DEV | END | MUL KAOLIN CLAY LT-UNK | CAN CALCIUM CARBONATE BM-3 ]

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE**

VOC emissions: GREENGUARD Certification - USG Frost™ Acoustical Ceiling Panels  
 Other: Environmental Product Declaration - USG Frost™ Acoustical Ceiling Panels

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: December 2, 2016	EXPIRY DATE*: December 2, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: December 2, 2016	* or within 3 months of significant change in product contents
*See HPDC website for details			



## Section 2: Content in Descending Order of Quantity

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](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### USG FROST™ ACOUSTICAL CEILING PANELS

#: 100.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Percent may change due to manufacturing variations. Residuals/Impurities considered at 1000 ppm.

**MINERAL WOOL (BIOSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT GREATER THAN 18 % BY WEIGHT)** ID: 65997-17-3

#: 70.0000 - 80.0000 GS: LT-UNK RC: PreC NANO: NO ROLE: Core/Basemat

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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.

### STARCH

ID: 9005-25-8

#: 10.0000 - 15.0000 GS: LT-UNK RC: None NANO: NO ROLE: Binder/Basemat

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

### PLASTER OF PARIS

ID: 26499-65-0

#: 8.0000 - 12.0000 GS: UNK RC: None NANO: NO ROLE: Filler/Basemat

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

### BORIC ACID

ID: 10043-35-3

#: 0.6000 - 0.8000 GS: LT-1 RC: None NANO: NO ROLE: Fire retardant/Basemat

HAZARDS:		AGENCY(IES) WITH WARNINGS:
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.

**KAOLIN CLAY**

ID: 1332-58-7

%: 0.4000 - 1.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Paint filler/Coating

HAZARDS:		AGENCY(IES) WITH WARNINGS:
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

**CALCIUM CARBONATE**

ID: 471-34-1

%: 0.3000 - 0.7000      GS: BM-3      RC: None      NANO: NO      ROLE: Paint filler/Coating

HAZARDS:		AGENCY(IES) WITH WARNINGS:
None Found		No warnings found on HPD Priority lists

SUBSTANCE NOTES: 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: Third Party  
APPLICABLE FACILITIES: Walworth, WI  
CERTIFICATE URL:  
<http://productguide.ulenvironment.com/SearchResults.aspx?BrandID=1808>  
CERTIFICATION AND COMPLIANCE NOTES:

#### OTHER

CERTIFYING PARTY: Third Party  
APPLICABLE FACILITIES: Walworth, WI  
CERTIFICATE URL:  
<http://productguide.ulenvironment.com/SearchResults.aspx?BrandID=1808>  
CERTIFICATION AND COMPLIANCE NOTES:

#### GREENGUARD Certification - USG Frost™ Acoustical Ceiling Panels

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2016-06-01	0000-00-00	UL Environment

#### Environmental Product Declaration - USG Frost™ Acoustical Ceiling Panels

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2013-09-01	0000-00-00	UL Environment

## + 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.

## 📄 Section 5: General Notes

Ingredient specific notes are included in Section 2.



## MANUFACTURER INFORMATION

MANUFACTURER: USG

CONTACT NAME: Stacy Simpson

ADDRESS: 550 West Adams St  
Chicago, IL 60661  
United States

TITLE: Sustainability Analyst II, Authorized GreenScreen Practitioner

PHONE: 1-800-USG4YOU

WEBSITE: usg.com

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

**GLO** Global warming

**PHY** Physical Hazard (reactive)

**CAN** Cancer

**MAM** Mammalian/systemic/organ toxicity

**REP** Reproductive toxicity

**DEV** Developmental toxicity

**MUL** Multiple hazards

**RES** Respiratory sensitization

**END** Endocrine activity

**NEU** Neurotoxicity

**SKI** Skin sensitization/irritation/corrosivity

**EYE** Eye irritation/corrosivity

**OZO** Ozone depletion

**LAN** Land Toxicity

**GEN** Gene mutation

**PBT** Persistent Bioaccumulative Toxic

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**LT-P1** List Translator Possible Benchmark 1

**BM-3** Benchmark 3 (use but still opportunity for improvement) BM-2  
Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**LT-UNK** List Translator Benchmark Unknown (insufficient  
information from List Translator lists to benchmark)

**BM-U** Benchmark Unspecified (insufficient data 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.