

CLASSIFICATION: 09 20 00

created via: HPDC Online  
Builder

PRODUCT DESCRIPTION: USG SHEETROCK® BRAND ECOSMART PANELS FIRECODE® X FEATURE AN INNOVATIVE NONCOMBUSTIBLE GYPSUM CORE ENCASED IN 100% RECYCLED FACE AND BACK PAPERS THAT FORM A HIGH STRENGTH-TO-WEIGHT RATIO COMPOSITE DESIGN. THE NATURAL FINISH FACE PAPER IS FOLDED AROUND THE LONG EDGES TO REINFORCE AND PROTECT THE CORE, AND THE ENDS ARE CUT SQUARE AND EVEN. THE LONG EDGES OF THE PANELS ARE TAPERED, ALLOWING JOINTS TO BE REINFORCED AND CONCEALED WITH USG SHEETROCK® BRAND JOINT TREATMENT SYSTEMS. THE PANELS ARE UL CLASSIFIED FOR FIRE RESISTANCE AND CAN BE USED IN ANY UL DESIGN WHERE TYPE ULIX PANELS ARE LISTED. ON THE FACE ALONG THE LONG EDGE OF EACH PANEL, THE UL TYPE DESIGNATION IS PRINTED FOR EASY IDENTIFICATION AFTER INSTALLATION.

**Section 1: Summary**

**CONTENT INVENTORY**

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

Residuals and impurities considered in 1 of 1 materials

- see Section 2: Material Notes
- see Section 5: General Notes

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 type="radio"/>	<input checked="" 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-UNK  
 Nanomaterial..... No

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

USG SHEETROCK® BRAND ECOSMART PANELS FIRECODE® X [ GYPSUM **LT-UNK** CELLULOSE, MICROCRYSTALLINE **UNK** VERMICULITE **UNK** STARCH **LT-UNK** UNDISCLOSED **LT-UNK** SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN GLUCOSE **BM-3** ]

**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 Sheetrock® Brand EcoSmart Panels Firecode® X  
 Other: Environmental Product Declaration - USG Sheetrock® Brand EcoSmart Panels Firecode® X

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: February 2, 2017	EXPIRY DATE*: February 2, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: February 3, 2017	* 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 SHEETROCK® BRAND ECOSMART PANELS FIRECODE® X

#: 100.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material 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](http://usg.com) for occupational exposure information. Percent may change due to manufacturing variations. Residuals/Impurities considered at 1000 ppm.

#### GYPSUM

ID: 13397-24-5

#: 87.0000 - 90.0000

GS: LT-UNK

RC: PostC

NANO: NO

ROLE: Core

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

#### CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

#: 5.5000 - 10.0000

GS: UNK

RC: PostC

NANO: NO

ROLE: Paper face

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

#### VERMICULITE

ID: 1318-00-9

#: 2.7000 - 3.2000

GS: UNK

RC: None

NANO: NO

ROLE: Fire endurance

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

#### STARCH

ID: 9005-25-8

%: 1.0000 - 1.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

**UNDISCLOSED**

%: 0.5000 - 0.8000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Core strengthening

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

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

**SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

ID: 65997-17-3

%: 0.1000 - 0.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Reinforcing

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: As manufactured, continuous filament glass fibers in this product are not respirable. No residuals/impurities found in the raw material at 1000 ppm.

**GLUCOSE**

ID: 50-99-7

%: 0.0500 - 0.2000

GS: BM-3

RC: None

NANO: NO

ROLE: Drying additive

**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.

## OTHER

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

## VOC EMISSIONS

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

## Environmental Product Declaration - USG Sheetrock® Brand EcoSmart Panels Firecode® X

ISSUE	EXPIRY	CERTIFIER OR
DATE:	DATE:	LAB: UL
2016-05-20	0000-00-00	Environment

## GREENGUARD Certification - USG Sheetrock® Brand EcoSmart Panels Firecode® X

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

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

CONTACT NAME: Stacy Simpson

ADDRESS: 550 W. Adams Street  
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.