

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 ULX 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	Residuals and impurities considered in 1 of 1 materials	Based on the selected Content Inventory Threshold:	
<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2: Material Notes	Characterized.....	<input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 5: General Notes	Are the Percent Weight and Role provided for all substances?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> Per GHS SDS		Screened.....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> Per OSHA MSDS		Are all substances screened using Priority Hazard Lists with results disclosed?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> Other		Identified.....	<input type="radio"/> Yes <input checked="" type="radio"/> No
		Are all substances disclosed by Name (Specific or Generic) and Identifier?	<input type="radio"/> Yes <input checked="" type="radio"/> 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 SHEETROCK® BRAND ECOSMART PANELS FIRECODE® X | GYPSUM **LT-UNK**
CELLULOSE, MICROCRYSTALLINE **UNK** STARCH **LT-UNK** UNDISCLOSED **LT-UNK**
SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN GLUCOSE
BM-3 NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, CALCIUM SALT **LT-**
UNK POLYCARBOXYLATE POLYMER **UNK** ALUMINUM SULFATE **LT-UNK** | RES
POLY(VINYL ALCOHOL) **LT-UNK**]

Number of Greenscreen BM-4/BM3 contents..... 1
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-UNK
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 100 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: January 20, 2017	EXPIRY DATE*: January 20, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: January 20, 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 and www.greenscreenchemicals.org.

USG SHEETROCK® BRAND ECOSMART PANELS FIRECODE® X

?: 100.0000

HPD URL:

Inventory Threshold: 100 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 for occupational exposure information. Percent may change due to manufacturing variations. Residuals/Impurities considered at 100 ppm.

GYPSUM

ID: 13397-24-5

?: 88.0000 - 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 100 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 100 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 100 ppm.

UNDISCLOSED

%: 0.5000 - 0.8000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Core strengthening
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Proprietary ingredient. No residuals/impurities at 100 ppm. Not on the LBC Red-List.

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
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
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CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
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SUBSTANCE NOTES: As manufactured, continuous filament glass fibers in this product are not respirable. No residuals/impurities found in the raw material at 100 ppm.

GLUCOSE

ID: 50-99-7

%: 0.0500 - 0.2000	GS: BM-3	RC: None	NANO: NO	ROLE: Drying additive
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 100 ppm.

NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, CALCIUM SALT

ID: 37293-74-6

%: 0.0300 - 0.0600	GS: LT-UNK	RC: None	NANO: NO	ROLE: Dispersant
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities at 100 ppm.

POLYCARBOXYLATE POLYMER

ID: 676596-80-8

%: 0.0300 - 0.0600	GS: UNK	RC: None	NANO: NO	ROLE: Dispersant
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: CAS RN not in HPD automatic tool system. No residuals/impurities at 100 ppm.

ALUMINUM SULFATE

ID: 10043-01-3

%: 0.0100 - 0.0300

GS: LT-UNK

RC: None

NANO: NO

ROLE: Accelerator

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagens

Asthmagens (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: No residuals/impurities at 100 ppm.

POLY(VINYL ALCOHOL)

ID: 9002-89-5

%: 0.0100 - 0.0200

GS: LT-UNK

RC: None

NANO: NO

ROLE: Adhesive

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: Aliquippa, PA

CERTIFICATE URL:

<http://productguide.ulenvironment.com/SearchResults.aspx?BrandID=1808>

CERTIFICATION AND COMPLIANCE NOTES: Certification number 4787352797.102.1

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

VOC EMISSIONS

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Aliquippa, PA

CERTIFICATE URL:

<http://productguide.ulenvironment.com/SearchResults.aspx?BrandID=1808>

CERTIFICATION AND COMPLIANCE NOTES:

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

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United States

WEBSITE: usg.com

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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

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN 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.