

CLASSIFICATION: 09 29 00

PRODUCT DESCRIPTION: SHEETROCK® Brand Foil-Back Gypsum Panels can be used for exterior walls and ceilings in new construction and remodeling. Kraft-backed aluminum foil, securely bonded to the back surface with high-strength adhesive, helps keep interior moisture within the building at a suitable comfort level. For use with furred masonry, wood, or steel framing, Foil-Back Panels are effective for single applications and as the base layer in double layer applications.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

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

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

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 FOIL-BACKED GYPSUM PANELS [GYPSUM LT-UNK CELLULOSE, MICROCRYSTALLINE NoGS UNDISCLOSED LT-UNK CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK ALUMINUM LT-P1 | RES | END | PHY STARCH LT-UNK NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, CALCIUM SALT LT-P1]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen

Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals/Impurities in raw materials that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS are displayed in the HPD when greater than or equal to 1000 ppm. USG uses an outside lab to quantify potential impurities of raw materials. Analytical methods may include but are not limited to; x-ray diffraction, x-ray fluorescence, atomic absorption, ion chromatography, liquid chromatography, and crystalline silica analysis.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: NA

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-08-15

PUBLISHED DATE: 2018-08-15

EXPIRY DATE: 2021-08-15



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

USG SHEETROCK® BRAND FOIL-BACKED GYPSUM 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 1000 ppm threshold that return a GreenScreen® score of BM-1, LT-1, LT-P1 or NoGS.

OTHER PRODUCT NOTES: Manufactured at Plaster City, CA.

GYPSUM

ID: 13397-24-5

#: 89.0000 - 92.0000 GS: LT-UNK RC: None NANO: No ROLE: Core

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

#: 3.0000 - 8.0000 GS: NoGS RC: Both NANO: No ROLE: Paper facing

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority 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.

UNDISCLOSED

#: 0.2000 - 0.5000 GS: LT-UNK RC: None NANO: No ROLE: Foil Adhesive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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 3.1).

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

#: **0.1000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Reinforcing**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Continuous filament glass fibers is used in the manufacturing of this product are not respirable. Additionally, IARC (International Agency for Research on Cancer), NTP (US National Toxicology Program) and OSHA (US Occupational Safety and Health Administration) do not list continuous filament glass fibers as a carcinogen. 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

ID: 7429-90-5

#: **0.1000 - 0.7000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Vapor barrier**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

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

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: This ingredient is aluminum foil and is not in a respiratory form, the hazards included from the screening tool are not applicable. 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

#: **0.0500 - 1.0000** 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 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.

NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, CALCIUM SALT

ID: 37293-74-6

#: **0.0100 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Dispersant**

None Found

No warnings found on HPD Priority lists

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.

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

NA

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **NA**

APPLICABLE FACILITIES: **NA**

01-01

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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.

No accessories are required for this product.

Section 5: General Notes

Ingredient specific notes are included in Section 2.



MANUFACTURER INFORMATION

MANUFACTURER: **USG**
ADDRESS: **550 W Adams St**
Chicago IL 60661, US
WEBSITE: **usg.com**

CONTACT NAME: **USG Sustainability**
TITLE: **Sustainability Manager**
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	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)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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 Terms

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

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.