

HPD UNIQUE IDENTIFIER: 1906465042432

CLASSIFICATION: 09 20 00 Plaster and Gypsum Board

PRODUCT TYPE: Type C (Gypsum Board)

PRODUCT DESCRIPTION: USG Sheetrock® Brand Firecode® C Gypsum Panels are UL-Listed (Type C) for application in fire-rated construction and comply with Type X requirements. Systems using USG Sheetrock® Brand Firecode® C Gypsum Panels qualify for fire ratings of up to 4 hours in walls, 3 hours in ceilings and 4 hours for column protection.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| | | | |
|---|--|---|--|
| Inventory Reporting Format | Threshold Level | Residuals/Impurities Evaluation | <i>For all contents above the threshold, the manufacturer has:</i> |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> Completed | Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm | <input type="radio"/> Partially Completed | <i>Provided weight and role.</i> |
| Threshold Disclosed Per | <input type="radio"/> Per GHS SDS | <input type="radio"/> Not Completed | Screened <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input type="radio"/> Material | <input type="radio"/> Other | Explanation(s) provided : | <i>Provided screening results using HPDC-approved methods.</i> |
| <input checked="" type="radio"/> Product | | <input checked="" type="radio"/> Yes <input type="radio"/> No | Identified <input checked="" type="radio"/> Yes <input type="radio"/> No |
| | | | <i>Provided name and CAS RN or other identifier.</i> |

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.

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

SHEETROCK® BRAND FIRECODE® C PANELS [GYPSUM BM-3dg]
MAM VERMICULITE NoGS CELLULOSE, MICROCRYSTALLINE LT-
UNK METAPHOSPHORIC ACID (H3P3O9), TRISODIUM SALT LT-UNK
SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-
UNK STARCH NoGS GLUCOSE BM-3]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

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

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: GREENGUARD Certification - Sheetrock® Brand Firecode® C Panels

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

| | | |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified? | PREPARER: Self-Prepared | SCREENING DATE: 2025-02-10 |
| <input type="radio"/> Yes | VERIFIER: | PUBLISHED DATE: 2025-02-10 |
| <input checked="" type="radio"/> No | VERIFICATION #: | EXPIRY DATE: 2028-02-10 |

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

SHEETROCK® BRAND FIRECODE® C PANELS

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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: This product is made at Hagersville, ON, and Montreal, QC. Percent ranges displayed for this HPD are for all manufacturing plants that make this product and may vary.

GYPSUM

ID: 13397-24-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-02-10 11:06:24

%: 88.0000 - 92.0000

GreenScreen: BM-3dg

RC: PreC

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

MAM

GHS - Japan

H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional 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. The use of FGD gypsum and the pre-consumer recycled content of Sheetrock® Brand Firecode® C Panels will vary by the manufacturing plant.

VERMICULITE

ID: 1318-00-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-02-10 11:06:25

%: 5.5000 - 7.0000

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Heat or UV stabilizer

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional 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.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

| | | | | |
|--|----------------------------|------------------|---|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | | | HAZARD SCREENING DATE: 2025-02-10 11:06:25 | |
| %: 5.0000 - 7.0000 | GreenScreen: LT-UNK | RC: PostC | NANO: No | SUBSTANCE ROLE: Structure component |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | |
| None found | | | No warnings found on HPD Priority Hazard Lists | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | |
| None found | | | No listings found on Additional 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.

METAPHOSPHORIC ACID (H3P3O9), TRISODIUM SALT

ID: 7785-84-4

| | | | | | |
|--|----------------------------|-----------------|---|--|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | | | HAZARD SCREENING DATE: 2025-02-10 11:06:26 | | |
| %: 0.5000 - 0.8000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Tensile strength additive | |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warnings found on HPD Priority Hazard Lists | | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | | NOTIFICATION | | |
| None found | | | No listings found on Additional 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.

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

| | | | | | |
|--|----------------------------|-----------------|---|--|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | | | HAZARD SCREENING DATE: 2025-02-10 11:06:26 | | |
| %: 0.2000 - 0.4000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Structure component | |
| HAZARD TYPE | LIST NAME AND SOURCE | | WARNINGS | | |
| None found | | | No warnings found on HPD Priority Hazard Lists | | |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|--|--|
| EXEMPT | European Union / European Commission (EU EC) | EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety |
| SUBSTANCE NOTES: As manufactured, continuous filament glass fibers in this product are not respirable. No residuals/impurities. 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 DATA SOURCE: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2025-02-10 11:06:26 | | |
| %: 0.1000 - 0.4000 | GreenScreen: NoGS | RC: None | NANO: No | SUBSTANCE ROLE: Binder |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION | | |
| EXEMPT | European Union / European Commission (EU EC) | EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety | | |
| 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. | | | | |

GLUCOSE

ID: 50-99-7

| | | | | |
|--|--|---|-----------------|----------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2025-02-10 11:06:26 | | |
| %: 0.0000 - 0.1000 | GreenScreen: BM-3 | RC: None | NANO: No | SUBSTANCE ROLE: Adsorbent |
| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS | | |
| None found | | No warnings found on HPD Priority Hazard Lists | | |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION | | |
| EXEMPT | European Union / European Commission (EU EC) | EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety | | |
| 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.

| VOC EMISSIONS | GREENGUARD Certification - Sheetrock® Brand Firecode® C Panels | |
|---|--|----------------------|
| CERTIFYING PARTY: Third Party | ISSUE DATE: 2016-01-01 00:00:00 | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: All | EXPIRY DATE: | Environment |
| CERTIFICATE URL: https://spot.ul.com | | |
| 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 |
|---|
| MANUFACTURER (OR GENERIC): USG |
| HPD URL: https://www.usg.com |
| ACCESSORY TYPE: Other |
| 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

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

WEBSITE: **usg.com**
CONTACT NAME: **Stacy Simpson**
TITLE: **Sustainability Manager**
PHONE: **1-800-USG4YOU**
EMAIL: **sustainability@usg.com**

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

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-P1 List Translator Possible 1 (Possible Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | NoGS No GreenScreen. |
| BM-U Benchmark Unspecified (due to insufficient data) | |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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 |

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

