

CLASSIFICATION: 09 51 00

PRODUCT DESCRIPTION: Manufactured by USG Interiors, LLC. USG Ensemble™ High-NRC Backer Panels are part of the USG Ensemble™ Monolithic Acoustical Ceiling System. The Spray-Aplied Finish is acoustically transparent and allows sound to pass through the perforations where it is absorbed by the USG Ensemble™ High NRC Backer Panels and plenum space. All system components are designed to work together so that NRC and CAC performance is maximized.

created via: HPDC Online Builder

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<b>Inventory Reporting Format</b> <input type="radio"/> Nested Materials Method <input checked="" type="radio"/> Basic Method	<b>Threshold level</b> <input type="radio"/> 100 ppm <input checked="" type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Per OSHA MSDS <input type="radio"/> Other	<b>Residuals/Impurities</b> <input checked="" type="radio"/> Considered <input type="radio"/> Partially Considered <input type="radio"/> Not Considered  <b>Explanation(s) provided for Residuals/Impurities?</b> <input checked="" type="radio"/> Yes <input type="radio"/> No	<i>Are All Substances Above the Threshold Indicated:</i>  <b>Characterized</b> <i>Percent Weight and Role Provided?</i> <input checked="" type="radio"/> Yes <input type="radio"/> No  <b>Screened</b> <i>Using Priority Hazard Lists with Results Disclosed?</i> <input checked="" type="radio"/> Yes <input type="radio"/> No  <b>Identified</b> <i>Name and Identifier Provided?</i> <input type="radio"/> Yes <input checked="" type="radio"/> No
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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 ENSEMBLE™ HIGH-NRC BACKER PANELS [ MINERAL WOOL, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤ 18 % BY WEIGHT (MINERAL WOOL, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤ 18 % BY WEIGHT) LT-UNK UNDISCLOSED NoGS STARCH (STARCH) LT-UNK PLASTER OF PARIS NoGS ]

Number of Greenscreen BM-4/BM3 contents.....  
0  
Contents highest concern GreenScreen  
Benchmark or List translator Score..... LT-UNK  
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.*

No certifications have been added to this HPD.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?  <input type="radio"/> Yes <input checked="" type="radio"/> No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2018-03-08 PUBLISHED DATE: 2018-03-08 EXPIRY DATE: 2021-03-08
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## 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### USG ENSEMBLE™ HIGH-NRC BACKER PANELS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: 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 part of the USG Ensemble™ Monolithic Acoustical Ceiling System.

MINERAL WOOL, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤ 18 % BY WEIGHT (MINERAL WOOL, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤ 18 % BY WEIGHT)

ID: 65997-17-3

%: <b>87.0000 - 95.0000</b>		GS: <b>LT-UNK</b>		RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Core</b>
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

%: <b>2.5000 - 4.5000</b>		GS: <b>NoGS</b>		RC: <b>None</b>		NANO: <b>No</b>		ROLE: <b>Thermoplastic binder</b>	
HAZARDS:		AGENCY(IES) WITH WARNINGS:							
None Found		No warnings found on HPD Priority lists							
SUBSTANCE NOTES: Proprietary ingredient. Polymer is considered non-hazardous, contains no reactive residuals, and has an oral LD50 > 5,000 mg/kg. 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 (STARCH)

ID: 9005-25-8

%: 2.0000 - 4.5000	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 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.

**PLASTER OF PARIS**

ID: **26499-65-0**

%: **1.0000 - 3.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Filler**

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.



**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.*



**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® BRAND ENSEMBLE™ PANELS**

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:  
Part of the USG Ensemble™ Monolithic Acoustical Ceiling System

**USG SHEETROCK® BRAND ENSEMBLE™ CEILING COMPOUND**

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:  
Part of the USG Ensemble™ Monolithic Acoustical Ceiling System

**USG DRYWALL SUSPENSION SYSTEM**

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:  
Part of the USG Ensemble™ Monolithic Acoustical Ceiling System. A HPD for each component is in progress

**USG SHEETROCK® JOINT COMPOUND AND TAPE**

HPD URL: **No HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Part of the USG Ensemble™ Monolithic Acoustical Ceiling System. A HPD for each component is in progress

USG FIBEROCK® BRAND END-JOINT BACKER PANEL HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Part of the USG Ensemble™ Monolithic Acoustical Ceiling System. A HPD for each component is in progress

Section 5: General Notes

See Section 2 for substance specific notes

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: USG  
ADDRESS: 550 West Adams Street  
Chicago IL 60661, United States  
WEBSITE: usg.com

CONTACT NAME: USG Sustainability  
TITLE: Sustainability Analyst II, Authorized GreenScreen Practitioner  
PHONE: 1-800-USG4YOU  
EMAIL: sustainability@usg.com

KEY

OSHA MSDS

GHS SDS

Occupational Safety and Health Administration Material Safety Data Sheet

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)  
NoGS 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 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

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*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.*