

CLASSIFICATION: 09 23 00

PRODUCT DESCRIPTION: USG Sheetrock® Brand Ensemble™ Ceiling Compound is part of the USG Ensemble™ Monolithic Acoustical Ceiling System. For finishing the joints of USG Ensemble™ Monolithic Acoustical Ceiling System. Can also be used for drywall finishing coats, covering fasteners and covering USG Sheetrock® Brand Paper-Faced Metal Bead and Trim.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold level	Residuals/Impurities	<i>Are All Substances Above the Threshold Indicated:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	<i>Percent Weight and Role Provided?</i>
	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	
Threshold Disclosed Per	<input type="radio"/> Per OSHA MSDS		Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided for Residuals/Impurities?	<i>Using Priority Hazard Lists with Results Disclosed?</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes <input checked="" type="radio"/> No
			<i>Name and Identifier Provided?</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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

USG SHEETROCK® BRAND ENSEMBLE™ CEILING COMPOUND [WATER (WATER) BM-4 UNDISCLOSED LT-UNK ATTAPULGITE (ATTAPULGITE) LT-1 | CAN UNDISCLOSED LT-P1 | END UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK 1,3,5-TRIAZINE-1,3,5(2H,4H,6H)-TRIETHANOL (9CI) (1,3,5-TRIAZINE-1,3,5(2H,4H,6H)-TRIETHANOL (9CI)) LT-UNK | SKI LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE) LT-UNK DOLOMITE (DOLOMITE) NoGS MICA (MICA) LT-UNK TALC (TALC) BM-1 | CAN PERLITE (PERLITE) LT-UNK UNDISCLOSED NoGS]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

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: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2018-02-27
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2018-04-19
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2021-02-27



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 ENSEMBLE™ CEILING COMPOUND

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 made at Gypsum, OH. This product is part of the USG Ensemble™ Monolithic Acoustical Ceiling System.	

WATER (WATER)				ID: 7732-18-5
%: 35.0000 - 50.0000	GS: BM-4	RC: None	NANO: No	ROLE: Solvent
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.				

%: 1.5000 - 4.0000	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: 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).				

ATTAPULGITE (ATTAPULGITE)		ID: 12174-11-7		
%: 1.0000 - 3.0000	GS: LT-1	RC: None	NANO: No	ROLE: Filler
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	IARC	Group 2b - Possibly carcinogenic to humans		
CANCER	CA EPA - Prop 65	Carcinogen		

SUBSTANCE NOTES: The fibrous attapulgite raw material that USG uses in its products comes from the Meigs-Attapulgius-Quincy District (Georgia–Florida), a clay-rich region where the mineral content of the deposits consists almost entirely of attapulgite with minor quantities of impurities. In the finished form when applied according to USG specifications no exposure to attapulgite is expected for the building occupants. The final product as installed is not in an inhalable form and not expected to increase the risk of cancer. 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.

?: **0.2000 - 0.5000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

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).

?: **0.2000 - 0.5000** 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: 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).

?: **0.1000 - 0.3000** 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: 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).

?: **0.1000 - 0.3000** 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: Proprietary ingredient. No Residuals or Impurities are expected to be present at or above the 1000 ppm threshold that

1,3,5-TRIAZINE-1,3,5(2H,4H,6H)-TRIETHANOL (9CI) (1,3,5-TRIAZINE-1,3,5(2H,4H,6H)-TRIETHANOL (9CI))

ID: 4719-04-4

%: 0.0500 - 0.2000 GS: LT-UNK RC: None NANO: No ROLE: Biocide

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

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.

LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE)

ID: 1317-65-3

%: 0.0000 - 50.0000 GS: LT-UNK RC: None NANO: No ROLE: Base filler

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Multiple ingredients may be used as a base filler. 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.

DOLOMITE (DOLOMITE)

ID: 16389-88-1

%: 0.0000 - 50.0000 GS: NoGS RC: None NANO: No ROLE: Base filler

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Multiple ingredients may be used as a base filler.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.

MICA (MICA)

ID: 12001-26-2

%: 0.0000 - 1.5000 GS: LT-UNK RC: None NANO: No ROLE: Functional filler

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Not in a respirable form as manufactured and in final installed form. 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.

%: 0.0000 - 2.0000	GS: BM-1	RC: None	NANO: No	ROLE: Filler
<div> <div>HAZARDS:</div> <div>AGENCY(IES) WITH WARNINGS:</div> </div>				
<div> <div>CANCER</div> <div>MAK</div> <div>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</div> </div>				
SUBSTANCE NOTES: USG sources non-asbestiform talc and performs routine raw material testing. Not in a respirable form as manufactured and in final installed form. 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.				

PERLITE (PERLITE)

ID: 93763-70-3

%: 0.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
<div> <div>HAZARDS:</div> <div>AGENCY(IES) WITH WARNINGS:</div> </div>				
<div> <div>None Found</div> <div>No warnings found on HPD Priority lists</div> </div>				
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.				

%: 0.0000 - 0.4000	GS: NoGS	RC: None	NANO: No	ROLE: Binder
<div> <div>HAZARDS:</div> <div>AGENCY(IES) WITH WARNINGS:</div> </div>				
<div> <div>None Found</div> <div>No warnings found on HPD Priority lists</div> </div>				
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. Not on the Living Building Challenge™ (LBC) Red List Chemical Guide (Version 3.1)				

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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **All**

CERTIFICATE URL:

<https://spot.ulprospector.com/en/na/BuiltEnvironment/search?k=USG&st=1>

ISSUE DATE:

2015-07-27

EXPIRY DATE:

2018-07-27

CERTIFIER OR LAB: **UL**

Environment

CERTIFICATION AND COMPLIANCE NOTES: **VOC emissions testing according to the CDPH 01350 v1.1 2010 criteria.**

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.hpdcollaborative.org/Pages/Results.aspx>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Part of the USG Ensemble™ Monolithic Acoustical Ceiling System.

USG ENSEMBLE™ HIGH-NRC BACKER PANELS

HPD URL:

<https://hpdrepository.hpdcollaborative.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.hpdcollaborative.org/Pages/Results.aspx>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Part of the USG Ensemble™ Monolithic Acoustical Ceiling System.

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.

USG SHEETROCK® BRAND JOINT TAPES

HPD URL:

<https://hpdrepository.hpdcollaborative.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

HPD URL:

<https://hpdrepository.hpdcollaborative.org/Pages/Results.aspx>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Part of the USG Ensemble™ Monolithic Acoustical Ceiling System.



Section 5: General Notes

See Section 2 for substance specific notes.



MANUFACTURER INFORMATION

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

CONTACT NAME: **USG Sustainability**
TITLE: **Sustainability Analyst**
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.