USG Eclipse™ Acoustical Panels by USG

CLASSIFICATION: 09 51 00

PRODUCT DESCRIPTION: USG ECLIPSE™ ACOUSTICAL CEILING PANELS ARE BUILT WITH A NON-DIRECTIONAL PATTERN TO ENSURE A CONSISTENT APPEARANCE. SPECIALLY DESIGNED WITH SUPERIOR PERFORMANCE TO WITHSTAND MOLD AND MILDEW, THESE SAG RESISTANT, NOISE REDUCING PANELS ARE OPTIMAL FOR SCHOOLS, HOTELS, LOBBIES, GENERAL OFFICE AND CONFERENCE AREAS AND TRANSPORTATION TERMINALS.

Health Product Declaration v2.0

created via: HPDC Online Builder

Section 1: Summary

CONTENT INVENTORY

Threshold per material
- ○ 100 ppm
- ◉ 1,000 ppm
- ○ Per GHS SDS
- ○ Per OSHA MSDS
- ○ Other

Residuals and impurities considered in 1 of 1 materials
- ◉ see Section 2: Material Notes
- ◉ see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized..... Are the Percent Weight and Role provided for all substances?	◉ Yes	○ No
Screened..... Are all substances screened using Priority Hazard Lists with results disclosed?	○ Yes	◉ No
Identified..... Are all substances disclosed by Name (Specific or Generic) and Identifier?	○ Yes	◉ 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 ECLIPSE™ ACOUSTICAL PANELS [MINERAL WOOL (BIOSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT GREATER THAN 18 % BY WEIGHT) LT-UNK KAOLIN CLAY LT-UNK | CAN UNDISCLOSED UNK STARCH LT-UNK CALCIUM CARBONATE BM-3 UNDISCLOSED LT-UNK TITANIUM DIOXIDE LT-1 | CAN]

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

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

Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

Chemical inventory of the ingredients in USG Eclipse™, Eclipse™ Tile, Eclipse™ HRC, Eclipse™ High NRC, and Eclipse™ Pedestals Acoustical Panels. Residuals/Impurities in raw materials are quantitatively measured and are displayed in the HPD when greater than or equal to 1000 ppm.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: GREENGUARD Certification - USG Eclipse™ Acoustical Panels
Other: Environmental Product Declaration - USG Eclipse™ Acoustical Panels

See Section 3 for additional listings.

◉ Self-Published*	VERIFIER:	SCREENING DATE: December 1, 2016	EXPIRY DATE*: December 2, 2019
○ Third Party Verified	VERIFICATION #:	RELEASE DATE: December 2, 2016	* 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 ECLIPSE™ ACOUSTICAL PANELS **%: 100.0000** **HPD URL:**

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: Percent may change due to manufacturing variations.

MINERAL WOOL (BIOSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT GREATER THAN 18 % BY WEIGHT) ID: 65997-17-3

%: 77.0000 - 88.0000	GS: LT-UNK	RC: PreC	NANO: NO	ROLE: Core/Basemat

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

SUBSTANCE NOTES: The synthetic mineral wool fiber used in this product is exonerated from classification as a carcinogenic in accordance with Note Q in the EU Commission Directive 97/69/EC. No residuals/impurities at 1000 ppm.

KAOLIN CLAY ID: 1332-58-7

%: 6.0000 - 7.5000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Filler/Basemat

HAZARDS:		AGENCY(IES) WITH WARNINGS:
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

UNDISCLOSED

%: 1.7000 - 3.2000	GS: UNK	RC: None	NANO: NO	ROLE: Thermoplastic binder/Basemat

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

SUBSTANCE NOTES: Highest concern GreenScreen® score–LT-U, assigned by USG's Authorized GreenScreen Practitioner. CAS RN not in HPD automatic tool system. Polymer is considered non-hazardous, contains no reactive residuals, and has an oral LD50 > 5,000 mg/kg.

STARCH ID: 9005-25-8

%: 0.9000 - 2.7000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Binder/Basemat

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

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

CALCIUM CARBONATE ID: 471-34-1

%: 0.8000 - 2.0000	GS: BM-3	RC: None	NANO: NO	ROLE: Filler/Coating

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

SUBSTANCE NOTES: No residuals/impurities at 1000 ppm.

UNDISCLOSED

%: 0.2000 - 0.6000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Binder/Coating

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

SUBSTANCE NOTES: NA

TITANIUM DIOXIDE ID: 13463-67-7

%: 0.1000 - 0.3000	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment/Coating

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Since titanium dioxide is bound with in the coating and not inhalable, it is excluded from several regulatory hazard lists

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: Cloquet, MN
CERTIFICATE URL: http://productguide.ulenvironment.com/SearchResults.aspx?BrandID=1808
CERTIFICATION AND COMPLIANCE NOTES:

VOC EMISSIONS

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Cloquet, MN
CERTIFICATE URL: http://productguide.ulenvironment.com/SearchResults.aspx?BrandID=1808
CERTIFICATION AND COMPLIANCE NOTES:

Environmental Product Declaration - USG Eclipse™ Acoustical Panels

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2013-09-01	0000-00-00	UL Environment

GREENGUARD Certification - USG Eclipse™ Acoustical Panels

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2016-06-01	0000-00-00	UL 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

Ingredient specific notes are included in Section 2.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: USG

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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classi cation 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 Unspeci ed (insu cient 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 nal 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 veri er are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.