

CLASSIFICATION: 09 51 00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: MANUFACTURED BY USG INTERIORS, LLC. USG CLEAN ROOM™ FIRECODE™ ACOUSTICAL CEILING PANELS CLASS 100 AND CLASS 10M–100M PANELS HAVE AN EMBOSSED, VINYL-LAMINATED FACE WITH SEALED BACK AND EDGES FOR USE IN CLASS 100(ISO 5) OR 10M–100M(ISO 7) CLEAN ROOMS.

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 1 of 1 materials
<input type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2: Material Notes
<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 5: General Notes
<input type="radio"/> Per GHS SDS	
<input type="radio"/> Per OSHA MSDS	
<input type="radio"/> Other	

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input type="radio"/>	<input checked="" type="radio"/>
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 CLEAN ROOM™ FIRECODE™ ACOUSTICAL CEILING PANELS [MINERAL WOOL (BIOSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT GREATER THAN 18 % BY WEIGHT) **LT-UNK** PERLITE **LT-UNK** KAOLIN CLAY **LT-UNK** | CAN STARCH **LT-UNK** CELLULOSE, MICROCRYSTALLINE **UNK** POLYVINYL CHLORIDE (PVC) **LT-UNK** | RES CALCIUM CARBONATE **BM-3** UNDISCLOSED **LT-UNK** MELAMINE FORMALDEHYDE **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:

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

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: November 30, 2016	EXPIRY DATE*: December 29, 2019
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: December 29, 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 CLEAN ROOM™ FIRECODE™ ACOUSTICAL CEILING PANELS

#: 100.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Percent may change due to manufacturing variations. Residuals/Impurities considered at 1000 ppm

MINERAL WOOL (BIOSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT GREATER THAN 18 % BY WEIGHT)

ID: 65997-17-3

#: 50.0000 - 55.0000

GS: LT-UNK

RC: PreC

NANO: NO

ROLE: Core/Basemat

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

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

PERLITE

ID: 93763-70-3

#: 15.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Core/Basemat

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities found in the raw material at 1000 ppm.

KAOLIN CLAY

ID: 1332-58-7

#: 11.0000 - 17.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler

HAZARDS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: 10.0-15.0% in Basemat/1.0-2.0% in Coating. No residuals/impurities found in the raw material at 1000 ppm.

STARCH

ID: 9005-25-8

%: 5.0000 - 10.0000 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 found in the raw material at 1000 ppm.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

%: 3.0000 - 7.0000 GS: UNK RC: PostC NANO: NO ROLE: Binder/Basemat

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities found in the raw material at 1000 ppm.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 1.0000 - 2.0000 GS: LT-UNK RC: None NANO: NO ROLE: Binder/Laminate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: No residuals/impurities found in the raw material at 1000 ppm.

CALCIUM CARBONATE

ID: 471-34-1

%: 1.0000 - 1.5000 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 found in the raw material at 1000 ppm.

UNDISCLOSED

%: 0.5000 - 2.0000 GS: LT-UNK RC: None NANO: NO ROLE: Adhesive/Laminate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals/impurities found in the raw material at 1000 ppm.

MELAMINE FORMALDEHYDE

ID: 9003-08-1

%: 0.2000 - 0.5000 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: No residuals/impurities found in the raw material at 1000 ppm.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 0.1000 - 0.4000 GS: LT-1 RC: None NANO: NO ROLE: Pigment/Laminate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
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

SUBSTANCE NOTES: Since titanium dioxide is bound within the laminate and not inhalable, it is excluded from several regulatory hazard lists. No residuals/impurities found in the raw material at 1000 ppm.

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.

Section 5: General Notes

Ingredient specific notes are included in Section 2.



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 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) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data 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 final 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 verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.