

CLASSIFICATION: 095100

created via: HPDC Online Builder

PRODUCT DESCRIPTION: SMOOTH-TEXTURED ULTIMA HEALTH ZONE MEETS USDA/FSIS GUIDELINES FOR USE IN FOOD PREPARATION AREAS, KITCHENS, AND CLEAN ROOM ASSEMBLIES, IS WATER-REPELLENT, AND PROVIDES EXCELLENT SOUND ABSORPTION AND BLOCKING TO HELP ADDRESS HIPAA REQUIREMENTS.

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.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Are the Percent Weight and Role provided for all substances?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Screened.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Are all substances screened using Priority Hazard Lists with results disclosed?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Identified.....	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Are all substances disclosed by Name (Specific or Generic) and Identifier?	<input type="radio"/> Yes	<input checked="" type="radio"/> 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

ARMSTRONG COMMERCIAL CEILINGS ULTIMA HEALTHZONE [MINERAL WOOL (BIOINSOLUBLE, WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT > 18 % BY WEIGHT) **LT-UNK** | CAN PERLITE **LT-UNK** CELLULOSE PULP **NoGS** STARCH **LT-UNK** KAOLIN CLAY **LT-UNK** | CAN LIMESTONE; CALCIUM CARBONATE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN | END POLYVINYL ACETATE (PVA) **LT-UNK** FLUX-CALCINED DIATOMACEOUS EARTH **LT-UNK** SILICIC ACID, DIETHOXYOCTYLSILYL TRIMETHYLSILYL ESTER **NoGS** TRIETHOXYOCTYLSILANE **LT-UNK** FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ?18 % BY WEIGHT **LT-UNK** PROPRIETARY ADHESIVE **UNK** QUARTZ **LT-1** | CAN STARCH, PHOSPHATE **LT-UNK** FATTY ACIDS **UNK** SILICA, AMORPHOUS **LT-P1** | CAN DODECYL ALCOHOL, ETHOXYLATED **LT-P1** | MUL POLY(VINYL ALCOHOL) **LT-UNK** ALUMINA TRIHYDRATE **BM-2** | RES]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen
Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

Residuals / impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 1000ppm.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC content: Clear Chem - Berkeley Analytical - Third Party compliant with CDPH/EHLB Std. Method V1.1 2010 Compliant for Ultima HealthZone

Other: Declare Label for Ultima Health Zone
LCA: Environmental Product Declaration for Ultima

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: July 12, 2017	EXPIRY DATE*: July 12, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: July 12, 2017	* 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.

ARMSTRONG COMMERCIAL CEILINGS ULTIMA HEALTHZONE

%: 100.0000 - 100.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Residuals / impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 1000ppm.

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

%: 30.0000 - 50.0000

GS: LT-UNK

RC: PreC

NANO: NO

ROLE: Board substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: Mineral fiber is not classified as a carcinogen by IARC, NTP, CA Proposition 65 or OSHA. The R40 and H351 phrases below are triggered by a special provision "Note Q", found only in the EU's CLP Regulation and for which the applicability to the provided products is neither certain nor adopted by the manufacturer. The world's leading institute on carcinogen classification, the International Agency for Research on Cancer (IARC) has determined that there is insufficient evidence to classify this material as carcinogenic. The EU's CLP Regulation focused on creating criteria to characterize biosolubility, but did not provide data to support a causal relationship between the EU test method and actual carcinogenicity.

PERLITE

ID: 93763-70-3

%: 5.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Board substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

CELLULOSE PULP

ID: 65996-61-4

%: 1.0000 - 10.0000

GS: NoGS

RC: Both

NANO: NO

ROLE: Board substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

STARCH

ID: 9005-25-8

%: 1.0000 - 10.0000	GS: LT-UNK	RC: PostC	NANO: NO	ROLE: Binder
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

KAOLIN CLAY

ID: 1332-58-7

%: 1.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Coating
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER

MAK

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

SUBSTANCE NOTES: Kaolin clay used in this product in not regulated as a hazardous substance. MAK denotes German occupational potential hazard.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE:
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

%: 1.0000 - 5.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Coating - Pigment
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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

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Titanium Dioxide is bound within the coating and is not inhalable. Accordingly, it is excluded from regulatory hazard lists. It is not in a respirable form in the final product.

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

%: 0.1000 - 7.0000

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:

FLUX-CALCINED DIATOMACEOUS EARTH

ID: 68855-54-9

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILICIC ACID, DIETHOXYOCTYLSILYL TRIMETHYLSILYL ESTER

ID: 216689-57-5

%: 0.1000 - 1.0000

GS: NoGS

RC: None

NANO: NO

ROLE: Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TRIETHOXYOCTYLSILANE

ID: 2943-75-1

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Coating

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

%: 0.1000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Fiber core in facing material
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

PROPRIETARY ADHESIVE

ID:

%: 0.1000 - 5.0000	GS: UNK	RC: None	NANO: NO	ROLE: Adhesive
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

QUARTZ

ID: 14808-60-7

%: 0.0100 - 5.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Filler
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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 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens

SUBSTANCE NOTES: Quartz is bound within the coating and is not inhalable. Accordingly, it is excluded from regulatory hazard lists. It is not in a respirable form in the final product.

STARCH, PHOSPHATE

ID: 11120-02-8

%: 0.0100 - 1.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Binder
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

FATTY ACIDS

ID: 68424-16-8

%: 0.0100 - 1.0000

GS: UNK

RC: None

NANO: NO

ROLE: Coating

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SILICA, AMORPHOUS

ID: 7631-86-9

%: 0.0100 - 1.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Filler

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER

Japan - GHS

Carcinogenicity - Category 1A

SUBSTANCE NOTES: This ingredient is bound within the coating and is not inhalable. Accordingly, it is excluded from regulatory hazard lists. It is not in a respirable form in the final product.

DODECYL ALCOHOL, ETHOXYLATED

ID: 9002-92-0

%: 0.0100 - 1.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Coating

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

POLY(VINYL ALCOHOL)

ID: 9002-89-5

%: 0.0100 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder in facing material

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

%: 0.0100 - 1.0000

GS: BM-2

RC: None

NANO: NO

ROLE:

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: This ingredient is not in an inhalable form in this product.

**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 CONTENT

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES:

CERTIFICATE URL: <https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/ultima-health-zone-ceiling-tiles.html#!query=ULTIMA Health Zone>

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Pensacola FL Marietta PA

CERTIFICATE URL: <https://www.armstrongceilings.com/pdbupimages-clg/215889.pdf/download/declare-label-ultima-health-zone-ceiling-panels.pdf>

CERTIFICATION AND COMPLIANCE NOTES: LBC Compliant

LCA

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: all

CERTIFICATE URL: <https://www.armstrongceilings.com/pdbupimages-clg/215789.pdf/download/epd-ultima-ceiling-panels.pdf>

CERTIFICATION AND COMPLIANCE NOTES: Product Specific EPD

Clear Chem - Berkeley Analytical - Third Party compliant with CDPH/EHLB Std. Method V1.1 2010 Compliant for Ultima HealthZoneISSUE DATE:
2017-06-11EXPIRY DATE:
2019-06-11CERTIFIER OR
LAB: Berkeley
Analytical**Declare Label for Ultima Health Zone**ISSUE
DATE: 2017-
05-01EXPIRY
DATE: 2018-
05-01CERTIFIER OR
LAB: ILFI**Environmental Product Declaration for Ultima**ISSUE
DATE: 2016-
03-31EXPIRY
DATE: 2020-
03-31CERTIFIER OR LAB:
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.

SUSPENSION SYSTEMS**HPD URL: No HPD link provided**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: <https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/ultima-health-zone-ceiling-tiles.html#!query=ULTIMA Health Zone> Please refer to this website for accessory information and related HPDs.

**Section 5: General Notes**

This HPD is provided solely for the intended recipient in connection with its assessment of products and for no other purpose. In providing information, AWI expresses no opinion and makes no representations as to the applicability, suitability, accuracy or completeness of the declaration form, or the standards, rules, classifications, warnings or criteria utilized or referenced therein. Information provided herein is qualified in the entirety by reference to the applicable product Safety Data Sheet (SDS) which can be located at www.armstrongceilings.com, as well as by the additional ingredient information provided for specified substances. Please refer to the Armstrong commercial ceilings website for this product



MANUFACTURER INFORMATION

MANUFACTURER: Armstrong World Industries

CONTACT NAME: Techline

ADDRESS: 2500 Columbia Avenue
Lancaster, pa 17603
USA

TITLE: Techline

PHONE: 1-877-276-7876

WEBSITE: <http://www.armstrong.com/commerceilingsna/>

EMAIL: techline@armstrongceilings.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) 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.