

CLASSIFICATION: 09510

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Medium-textured ceiling panel offers Total Acoustics performance, excellent sound absorption, and blocking in one product.

**Section 1: Summary**

**Basic Method / Product Threshold**

**CONTENT INVENTORY**

**Inventory Reporting Format**

- Nested Materials Method
- Basic Method

**Threshold Disclosed Per**

- Material
- Product

**Threshold level**

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

**Residuals/Impurities**

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

**Characterized**  Yes  No  
Percent Weight and Role Provided?

**Screened**  Yes  No  
Using Priority Hazard Lists with Results Disclosed?

**Identified**  Yes  No  
Name and Identifier Provided?

**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 CIRRUS [ MINERAL WOOL **LT-UNK** ]  
CAN PERLITE (PERLITE) **LT-UNK** KAOLIN CLAY **LT-UNK** | CAN CELLULOSE PULP **NoGS** STARCH **LT-UNK** ]

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 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** *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario  
Material content migration: ILFI Declare - LBC Compliant - Third Party Verified  
LCA: Environmental Product Declaration (EPD) by UL - Industry Generic

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-09-11

PUBLISHED DATE: 2017-09-11

EXPIRY DATE: 2020-09-11

## 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)

### ARMSTRONG COMMERCIAL CEILINGS CIRRUS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals/Impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 1000ppm.

OTHER PRODUCT NOTES: <https://www.armstrongceilings.com/pdbupimages-clg/215725.pdf/download/epd-cirrus-ceiling-panels.pdf>

#### MINERAL WOOL

ID: 65997-17-3

#: 30.0000 - 60.0000 GS: LT-UNK RC: PreC NANO: No ROLE: Core

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

#### PERLITE (PERLITE)

ID: 93763-70-3

#: 20.0000 - 40.0000 GS: LT-UNK RC: None NANO: No ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

#### KAOLIN CLAY

ID: 1332-58-7

#: 5.0000 - 10.0000 GS: LT-UNK RC: None NANO: No ROLE: Filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

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

SUBSTANCE NOTES: None

**CELLULOSE PULP**

ID: 65996-61-4

#: 1.0000 - 10.0000	GS: NoGS	RC: PostC	NANO: No	ROLE: Filler
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**STARCH**

ID: 9005-25-8

#: 1.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Core
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**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.*

<b>MATERIAL CONTENT MIGRATION</b>	<b>ILFI Declare - LBC Compliant - Third Party Verified</b>
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CERTIFYING PARTY: Second Party	ISSUE DATE: 2017-04-01	EXPIRY DATE: 2018-04-01	CERTIFIER OR LAB: ILFI
APPLICABLE FACILITIES: all			
CERTIFICATE URL: <a href="https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/certificates/cirrus-declare.pdf">https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/certificates/cirrus-declare.pdf</a>			

CERTIFICATION AND COMPLIANCE NOTES: Red List free

<b>VOC EMISSIONS</b>	<b>CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom &amp; Office scenario</b>
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CERTIFYING PARTY: Third Party	ISSUE DATE: 2016-07-20	EXPIRY DATE: 2018-07-20	CERTIFIER OR LAB: Berkeley Analytical
APPLICABLE FACILITIES: All			
CERTIFICATE URL: <a href="https://www.armstrongceilings.com/pdbupimages-clg/216221.pdf/download/voc-certificate-of-compliance-cirrus.pdf">https://www.armstrongceilings.com/pdbupimages-clg/216221.pdf/download/voc-certificate-of-compliance-cirrus.pdf</a>			

CERTIFICATION AND COMPLIANCE NOTES: See certificate of compliance

<b>LCA</b>	<b>Environmental Product Declaration (EPD) by UL - Industry Generic</b>
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<https://www.armstrongceilings.com/pdbupimages-clg/215725.pdf/download/epd-cirrus-ceiling-panels.pdf>

CERTIFICATION AND COMPLIANCE NOTES: Product Specific

## + 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.*

### ARMSTRONG SUSPENSION SYSTEMS

HPD URL: <https://www.armstrongceilings.com/commercial/en-us/performance/sustainable-building-design/environmental-product-declarations.html>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Can be installed with accompanying suspension system

## + Section 5: General Notes

Please visit the Armstrong website for more information on this product. <https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/cirrus-square-lay-in-and-regular-ceiling-tiles.html#!query=Cirrus>

## + Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **Armstrong World Industries**

ADDRESS: **2500 Columbia Avenue**

**Lancaster PA 17603, USA**

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

CONTACT NAME: **Techline**

TITLE: **Techline**

PHONE: **1-877-276-7876**

EMAIL: [techline@armstrongceilings.com](mailto: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

**CAN** Cancer

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**DEV** Developmental toxicity  
**END** Endocrine activity  
**EYE** Eye irritation/corrosivity  
**GEN** Gene mutation

**MUL** Multiple hazards  
**NEU** Neurotoxicity  
**OZO** Ozone depletion  
**PBT** Persistent Bioaccumulative Toxic

**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.*