

HPD UNIQUE IDENTIFIER: 1672183933952  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 09 50 00 Ceilings  
PRODUCT TYPE: Ceiling Panels, Acoustical  
PRODUCT DESCRIPTION: A non-directional ceiling panel for special application areas prone to moisture.

**Section 1: Summary**

**Basic Method / Product Threshold**

**CONTENT INVENTORY**

<b>Inventory Reporting Format</b> → <b>Basic Method</b>	<b>Residuals/Impurities Evaluation</b> → <b>Completed</b>
<b>Threshold Disclosed Per</b> → <b>Product</b>	<b>Explanation(s) provided :</b> <b>Yes</b>
<b>Threshold Level</b> → <b>100 ppm</b>	

*For all contents above the threshold, the manufacturer has:*

<b>Characterized</b>	<b>Yes</b>
<i>Provided weight and role.</i>	
<b>Screened</b>	<b>Yes</b>
<i>Provided screening results using HPDC-approved methods.</i>	
<b>Identified</b>	<b>Yes</b>
<i>Provided name and CAS RN or other identifier.</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.

**PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY GREENSCREEN SCORE | HAZARD TYPE**

**CERAMAGUARD [ KAOLIN (CLAY) LT-UNK ] CAN MINERAL WOOL WITH FIBER DIAMETER > 6 µM LT-UNK QUARTZ BM-1 ] CAN | MAM | GEN PERLITE (PERLITE) NoGS STARCH (CORN STARCH) NoGS LIMESTONE (CALCIUM CARBONATE) BM-3dg CHLORITE (CHLORITE-GROUP MINERALS) NoGS ACRYLIC POLYMER (ACRYLIC ACID) NoGS TITANIUM DIOXIDE BM-1 ] CAN | END | MAM CRISTOBALITE (SILICA) LT-1 ] CAN | MAM | GEN FLUX-CALCINED DIATOMACEOUS EARTH (DIATOMACEOUS EARTH) LT-UNK LIMESTONE BM-3dg POLY(OXY-1,2-ETHANEDIYL), ALPHA-SULFO-OMEGA-HYDROXY-, C12-14-ALKYL ETHERS, SODIUM SALTS (SODIUM SALT) LT-UNK ] SKI | EYE ]**

Number of Greenscreen BM-4/BM3 contents ... 2  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, 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 100 ppm.

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**COMPLIANCE** *See Section 3 for additional listings.*

VOC emissions: SCS Indoor Advantage Gold - Classroom & Office scenario

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.

## 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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

### CERAMAGUARD

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals/impurities in select raw materials are quantitatively measured and are displayed in the HPD when greater than 100 ppm.

OTHER PRODUCT NOTES: Additional information can be found on Armstrong's website.

#### KAOLIN (CLAY)

ID: 1332-58-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2026-01-27 7:39:18

%: 31.5420 - 46.5330

GreenScreen: **LT-UNK**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

#### MINERAL WOOL WITH FIBER DIAMETER > 6 µM

ID: 65997-17-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: 2026-01-27 7:45:53

%: 38.9500 - 38.9500

GreenScreen: **LT-UNK**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety

SUBSTANCE NOTES:

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-01-27 7:39:19**

%: **4.9980 - 15.0210**      GreenScreen: **BM-1**      RC: **None**      NANO: **Unknown**      SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Quartz is a naturally occurring mineral in clay and limestone. Quartz is bound within the product matrix and is not in a respirable form in the final product.

**PERLITE (PERLITE)**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-01-27 7:39:19**

%: **4.6490 - 4.6490**      GreenScreen: **NoGS**      RC: **None**      NANO: **No**      SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

**STARCH (CORN STARCH)**

ID: 9005-25-8

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2026-01-27 7:39:20</b>	
%: <b>2.8820 - 2.8820</b>	GreenScreen: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Binder</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex IV listing due to intrinsic safety	
SUBSTANCE NOTES:			

**LIMESTONE (CALCIUM CARBONATE)**

ID: 1317-65-3

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2026-01-27 7:39:20</b>	
%: <b>1.0800 - 1.0910</b>	GreenScreen: <b>BM-3dg</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Filler</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
None found		No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:			

**CHLORITE (CHLORITE-GROUP MINERALS)**

ID: 1318-59-8

HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2026-01-27 7:39:19</b>	
%: <b>0.1610 - 0.3220</b>	GreenScreen: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Filler</b>
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		

**ACRYLIC POLYMER (ACRYLIC ACID)**

ID: **9063-87-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-01-27 7:39:20**

%: **0.1280 - 0.1390** GreenScreen: **NoGS** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

**TITANIUM DIOXIDE**

ID: **13463-67-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-01-27 7:39:20**

%: **0.0340 - 0.1340** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products

SUBSTANCE NOTES: Titanium dioxide is bound within the product matrix and is not in a respirable form in the final product.

### CRISTOBALITE (SILICA)

ID: 14464-46-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-01-27 7:39:21**

%: **0.0670 - 0.1180** GreenScreen: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Silica is a naturally occurring mineral in clay and limestone. Silica is bound within the product matrix and is not in a respirable form in the final product.

**FLUX-CALCINED DIATOMACEOUS EARTH (DIATOMACEOUS EARTH)**

ID: 68855-54-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-01-27 7:39:22**

%: **0.0510 - 0.1010** GreenScreen: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

**LIMESTONE**

ID: 1317-65-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-01-27 7:39:21**

%: **0.0330 - 0.0340** GreenScreen: **BM-3dg** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

**POLY(OXY-1,2-ETHANEDIYL), ALPHA-SULFO-OMEGA-HYDROXY-, C12-14-ALKYL ETHERS, SODIUM SALTS (SODIUM SALT)**

ID: 68891-38-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-01-27 7:39:22**

%: **0.0030 - 0.0130** GreenScreen: **LT-UNK** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Coating**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Serious eye damage category 1

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: While CASRN were not listed on SDS, they were easy to located based on regulatory listing stated in the SDS.

## Section 3: 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

SCS Indoor  
Advantage Gold  
- Classroom &  
Office scenario

**COMPLIANCE TYPE:** Third-party certification

**CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:** SCS Global Services

**COMPLIANCE DETAILS:**

**COMPLIANCE SCOPE:**

**APPLICABLE FACILITIES:** Applicable to all manufacturing sites

**COMPLIANCE URL:** chrome-

extension://efaidnbmnnnibpcajpcgglefindmkaj/https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/certificates/felt-metal-mineral-fiber-voc-certificate.pdf

**COMPLIANCE NOTES:**

ISSUE DATE:	EXPIRY DATE:
2025-06-30	2026-03-29

## 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.

### CEILING SUSPENSION SYSTEM

**MANUFACTURER (OR GENERIC):** Armstrong World Industries

**HPD URL:** <https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/hpds/suspension-systems-hpd.pdf>

**ACCESSORY TYPE:** Installation Accessory

**CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:** Various ceiling suspension options are available.

## 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. Please refer to the Armstrong Commercial Ceilings website for more information on this product.

**MANUFACTURER INFORMATION**

MANUFACTURER: **Armstrong World Industries**  
 ADDRESS: **2500 Columbia Avenue**  
**Lancaster, PA 17603**  
 COUNTRY: **USA**

WEBSITE: **www.armstrongceilings.com**  
 CONTACT NAME: **Ashlee Johnson / Dennis Harding**  
 TITLE: **Techline Sustainability**  
 PHONE: **1-877-276-7876 option #2**  
 EMAIL: **techline@armstrongceilings.com**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> No GreenScreen.
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**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 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.*