**CLASSIFICATION:** Acoustical Ceiling Panels  

**PRODUCT DESCRIPTION:** The Fine Fissured family of medium textured ceiling tiles offers an economical, non-directional panel in standard and high-acoustical options, including Total Acoustics performance; good sound absorption and blocking in one product.

---

### Section 1: Summary

**Basic Method / Product Threshold**

<table>
<thead>
<tr>
<th>Threshold Disclosed Per</th>
<th>Material</th>
<th>Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>Yes</td>
<td>Ex/SC</td>
</tr>
<tr>
<td>1,000 ppm</td>
<td>Yes</td>
<td>Ex/SC</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>Yes</td>
<td>Ex/SC</td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td>Yes</td>
<td>Ex/SC</td>
</tr>
<tr>
<td>Other</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

---

### CONTENT INVENTORY

**Inventory Reporting Format**
- Nested Materials Method
- Basic Method

**Threshold Disclosed Per**
- Material
- Product

**Residuals/Impurities**
- All Substances Above the Threshold Indicated Are:
  - Characterized: Yes Ex/SC, Yes, No
  - Considered: Yes
  - Partially Considered: No
  - Not Considered: No

**Residuals/Impurities**
- Explanation(s) provided for Residuals/Impurities?
  - Yes: Ex, No: SC

**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**

- FINE FISSURED AND SCHOOL ZONE FINE FISSURED CEILING PANELS
- PERLITE ORE
- CELLULOSE
- NOGS
- CLAY
- LT-UNK
- CALCIUM CARBONATE
- LT-UNK
- CORN STARCH
- LT-UNK
- SALT OF POLYCARBOXYLIC ACID
- LT-UNK
- DIATOMACEOUS EARTH
- LT-UNK
- ETHYLATED STARCH
- LT-UNK
- POLYVINYL ACETATE
- LT-UNK
- QUARTZ
- LT-UNK
- CAN POLYETHYLENE GLYCOL
- LT-UNK
- MINERAL WOOL
- LT-UNK
- CAN FIBERGLASS
- LT-UNK
- CAN SYRUPS, HYDROLYZED STARCH
- LT-UNK
- LUBRICATING OIL
- LT-UNK
- CAN

---

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

---

### CERTIFICATIONS AND COMPLIANCE

- VOC emissions: UL/GreenGuard Gold Certified
- Other: ILFI Declare - Red List Free
- LCA: Environmental Product Declaration (EPD) by UL

### 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:** 2019-09-27

**PUBLISHED DATE:** 2019-09-27

**EXPIRY DATE:** 2022-09-27
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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

FINE FISSURED AND SCHOOL ZONE FINE FISSURED CEILING PANELS

PRODUCT THRESHOLD: 100 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 100ppm.
OTHER PRODUCT NOTES: For more information on this product, visit https://www.armstrongceilings/finefissured.com

PERLITE ORE
ID: 130885-09-5
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2019-09-27
%: 45.00 - 60.00
GS: NoGS
RC: None
NANO: No
ROLE: Filler

HAZARD TYPE
AGENCY AND LIST TITLES
WARNINGS
None found
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Filler in board

CELLULOSE
ID: 9004-34-6
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2019-09-27
%: 17.00 - 28.00
GS: NoGS
RC: PostC
NANO: No
ROLE: Binder

HAZARD TYPE
AGENCY AND LIST TITLES
WARNINGS
None found
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: binder in board substrate

CLAY
ID: 1332-58-7
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2019-09-27
%: 5.00 - 8.00
GS: LT-UNK
RC: None
NANO: No
ROLE: Filler

HAZARD TYPE
AGENCY AND LIST TITLES
WARNINGS
CANCER
MAK
Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
<table>
<thead>
<tr>
<th>Substance Notes</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>In this product it is not regulated as a hazardous substance. In this product, it is not a registered pesticide under FIFRA. It is not registered persistent material.</td>
<td>Pharos Chemical and Materials Library</td>
<td>2019-09-27</td>
<td>2.00 - 6.00</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
</tr>
<tr>
<td>None found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Calcium Carbonate**

**Corn Starch**

**Salt of Polycarboxylic Acid**

**Diatomaceous Earth**

**Ethylated Starch**
### CRISTOBALITE (SIO2)

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-09-27</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.20 - 0.50</td>
<td>GB: LT-1</td>
<td>RC: None</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>NANO: No</td>
</tr>
<tr>
<td>WARNING:</td>
<td>WARNINGS</td>
<td>ROLE: Filler</td>
</tr>
</tbody>
</table>

**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**
- **GHS - New Zealand**
  - 6.7A - Known or presumed human carcinogens

**CANCER**
- **GHS - Australia**
  - H350i - May cause cancer by inhalation

**CANCER**
- **GHS - Japan**
  - Carcinogenicity - Category 1A [H350]

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

### FATTY ACIDS

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-09-27</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.20 - 0.40</td>
<td>GB: NoGS</td>
<td>RC: None</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>NANO: No</td>
</tr>
<tr>
<td>WARNING:</td>
<td>WARNINGS</td>
<td>ROLE: Binder</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** binder in board

### POLYVINYL ACETATE

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2019-09-27</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.06 - 0.07</td>
<td>GB: LT-UNK</td>
<td>RC: None</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>NANO: No</td>
</tr>
<tr>
<td>WARNING:</td>
<td>WARNINGS</td>
<td>ROLE: Binder</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** binder in board

---

No warnings found on HPD Priority Hazard Lists

---

No warnings found on HPD Priority Hazard Lists

---

No warnings found on HPD Priority Hazard Lists

---

No warnings found on HPD Priority Hazard Lists
### Quartz

**ID:** 14808-60-7  

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  

**HAZARD SCREENING DATE:** 2019-09-27  

**%:** 0.05 - 0.20  

**GS:** LT-1  

**RC:** None  

**NANO:** No  

**ROLE:** Filler  

**HAZARD TYPE**  

**AGENCY AND LIST TITLES**  

**WARNINGS**  

**CANCER**  

**IARC**  

Group 1 - Agent is Carcinogenic to humans  

**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**  

GHS - New Zealand  

6.7A - Known or presumed human carcinogens  

**CANCER**  

GHS - Australia  

H350i - May cause cancer by inhalation  

**CANCER**  

GHS - Japan  

Carcinogenicity - Category 1A [H350]  

**SUBSTANCE NOTES:** It is bound by the adhesives within the coating. It is not in a respirable form in the final product. Accordingly, it is excluded from regulatory hazards list.

### Polyethylene Glycol

**ID:** 60828-78-6  

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  

**HAZARD SCREENING DATE:** 2019-09-27  

**%:** 0.02 - 0.05  

**GS:** LT-UNK  

**RC:** None  

**NANO:** No  

**ROLE:** Surfactant  

**HAZARD TYPE**  

**AGENCY AND LIST TITLES**  

**WARNINGS**  

None found  

No warnings found on HPD Priority Hazard Lists  

**SUBSTANCE NOTES:** Surfactant in coating

### Mineral Wool

**ID:** 65997-17-3  

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  

**HAZARD SCREENING DATE:** 2019-09-27  

**%:** 0.00 - 10.00  

**GS:** LT-UNK  

**RC:** PreC  

**NANO:** No  

**ROLE:** Filler  

**HAZARD TYPE**  

**AGENCY AND LIST TITLES**  

**WARNINGS**  

**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.
## FIBERGLASS

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-27  
**%:** 0.00 - 10.00  
**GS:** LT-UNK  
**RC:** Both  
**NANO:** Unknown  
**ROLE:** Filler

**HAZARD TYPE**

**CANCER**

**EU - GHS (H-Statements)**

**H351 - Suspected of causing cancer**

**WARNINGS**

**SUBSTANCE NOTES:** Filler in board substrate

## SYRUPS, HYDROLYZED STARCH

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-27  
**%:** 0.00 - 0.50  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Starch - Binder

**HAZARD TYPE**

**CANCER**

**EU - GHS (H-Statements)**

**H351 - Suspected of causing cancer**

**MULTIPLE**

**ChemSec - Sin List**

**CMR - Carcinogen, Mutagen &/or Reproductive Toxicant**

**MULTIPLE**

**German FEA - Substances Hazardous to Waters**

**Class 3 - Severe Hazard to Waters**

**CANCER**

**EU - Annex VI CMRs**

**Carcinogen Category 1B - Presumed Carcinogen based on animal evidence**

**SUBSTANCE NOTES:** Starch in board substrate

## LUBRICATING OIL

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-27  
**%:** 0.00 - 0.05  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Defoamer

**HAZARD TYPE**

**CANCER**

**EU - GHS (H-Statements)**

**H350 - May cause cancer**

**MULTIPLE**

**ChemSec - Sin List**

**CMR - Carcinogen, Mutagen &/or Reproductive Toxicant**

**MULTIPLE**

**German FEA - Substances Hazardous to Waters**

**Class 3 - Severe Hazard to Waters**

**CANCER**

**EU - Annex VI CMRs**

**Carcinogen Category 1B - Presumed Carcinogen based on animal evidence**

**SUBSTANCE NOTES:** Ingredient in board substrate
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 EMISSIONS**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>all</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>UL GreenGuard Gold</td>
</tr>
</tbody>
</table>

| ISSUE DATE: | 2018-04-16 |
| EXPIRY DATE: | 2020-05-02 |

**OTHER**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Second Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>all</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>ILFI Red List Free</td>
</tr>
</tbody>
</table>

| ISSUE DATE: | 2019-10-01 |
| EXPIRY DATE: | 2020-10-01 |

**LCA**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>all</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/epds/fine-fissured-epd.pdf">https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/epds/fine-fissured-epd.pdf</a></td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>EPD Product Specific</td>
</tr>
</tbody>
</table>

| ISSUE DATE: | 2016-03-01 |
| EXPIRY DATE: | 2020-03-01 |

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.

No accessories are required for this product.

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 more information on this product.
MANUFACTURER INFORMATION

MANUFACTURER: Armstrong World Industries
ADDRESS: 2500 Columbia Avenue
Building 5B
Lancaster PA 17603, United States
WEBSITE: www.armstrongceilings.com

CONTACT NAME: Anita Snader
TITLE: Sustainability Manager
PHONE: 18772767876
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
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
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 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)

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

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.