

HPD UNIQUE IDENTIFIER: 21650

CLASSIFICATION: 09 53 00 Acoustical Ceiling Suspension Assemblies

PRODUCT DESCRIPTION: Ceiling and drywall grid, trims, and, transitions engineered to install faster and easier, and perform better. This label covers Prelude, Interlude, SupraFine and Silhouette Suspension Systems.

## 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  
 Other

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided  
for Residuals/Impurities?

- Yes  No

All Substances Above the Threshold Indicated Are:

**Characterized**  Yes Ex/SC  Yes  No  
% weight and role provided for all substances.

**Screened**  Yes Ex/SC  Yes  No  
All substances screened using Priority Hazard Lists with results disclosed.

**Identified**  Yes Ex/SC  Yes  No  
All substances disclosed by Name (Specific or Generic) and Identifier.

### 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 SUSPENSION SYSTEMS INTERLUDE | STEEL LT-UNK ZINC**  
LT-P1 | AQU | PHY | END | MUL **ALUMINUM BM-1** | RES | PHY | END  
**TITANIUM DIOXIDE LT-1** | CAN | END **BARIUM SULFATE BM-2** | CAN  
**NAPHTHA LT-1** | MAM | GEN | CAN | MUL | END **ALUMINUM OXIDE BM-2** |  
RES **SILICA BM-1** | CAN **BUTANOL BM-2** | SKI | EYE **ETRIOL LT-UNK** ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen  
Benchmark or List translator Score ... BM-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 100ppm.

### 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: VOC

LCA: Environmental Product Declaration (EPD) by UL

Other: ILFI Declare - Red List Free

#### 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: 2020-09-09

PUBLISHED DATE: 2020-09-09

EXPIRY DATE: 2023-09-09



## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### ARMSTRONG SUSPENSION SYSTEMS INTERLUDE

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 Armstrong Suspension Systems visit: <https://www.armstrongceilings.com/commercial/en-us/suspension-systems.html>

#### STEEL

ID: 65997-19-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-09

#: 90.0000 - 100.0000 GS: LT-UNK RC: Both NANO: Unknown SUBSTANCE ROLE: Structure component

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

SUBSTANCE NOTES: Base material - NA Recycled steel

#### ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-09

#: 0.0000 - 10.0000 GS: LT-P1 RC: None NANO: Unknown SUBSTANCE ROLE: Filler

| HAZARD TYPE                | AGENCY AND LIST TITLES                      | WARNINGS   |
|----------------------------|---|--|
| ACUTE AQUATIC              | EU - GHS (H-Statements)                     | H400 - Very toxic to aquatic life  |
| CHRON AQUATIC              | EU - GHS (H-Statements)                     | H410 - Very toxic to aquatic life with long lasting effects                          |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements)                     | H250 - Catches fire spontaneously if exposed to air                                  |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements)                     | H260 - In contact with water releases flammable gases which may ignite spontaneously |
| ENDOCRINE                  | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor  |
| MULTIPLE                   | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters   |

SUBSTANCE NOTES: Filler

## ALUMINUM

ID: 7429-90-5

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

HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 10.0000**

GS: **BM-1**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE                | AGENCY AND LIST TITLES                | WARNINGS  |
|----------------------------|---------------------------------------|---|
| RESPIRATORY                | AOEC - Asthmagens                     | Asthmagen (Rs) - sensitizer-induced                   |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements)               | H250 - Catches fire spontaneously if exposed to air   |
| PHYSICAL HAZARD (REACTIVE) | EU - GHS (H-Statements)               | H261 - In contact with water releases flammable gases |
| ENDOCRINE                  | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                         |

SUBSTANCE NOTES: Hazards noted pertain to aluminum in a powder or fumigated state. It is an extruded aluminum product. Accordingly, the hazards noted would not pertain to aluminum in this form.

## TITANIUM DIOXIDE

ID: 13463-67-7

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

HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 5.0000**

GS: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES                | 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 |
| CANCER      | MAK                                   | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                     |

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.

## BARIUM SULFATE

ID: 7727-43-7

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

HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 2.0000**

GS: **BM-2**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Filler**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS   |
|-------------|------------------------|--|
| CANCER      | MAK                    | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |

SUBSTANCE NOTES: **Filler**

**NAPHTHA**

ID: 64742-95-6

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

HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 1.0000** GS: **LT-1** RC: **None** NANO: **Unknown** SUBSTANCE ROLE: **Filler**

| HAZARD TYPE   | AGENCY AND LIST TITLES                      | WARNINGS   |
|---------------|---|--|
| MAMMALIAN     | EU - GHS (H-Statements)                     | H304 - May be fatal if swallowed and enters airways  |
| GENE MUTATION | EU - GHS (H-Statements)                     | H340 - May cause genetic defects   |
| CANCER        | EU - GHS (H-Statements)                     | H350 - May cause cancer  |
| CANCER        | EU - REACH Annex XVII CMRs                  | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| GENE MUTATION | EU - REACH Annex XVII CMRs                  | Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man       |
| MULTIPLE      | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| ENDOCRINE     | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor  |
| 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                          |
| GENE MUTATION | EU - Annex VI CMRs                          | Mutagen - Category 1B  |
| GENE MUTATION | GHS - Australia                             | H340 - May cause genetic defects   |
| CANCER        | GHS - Australia                             | H350 - May cause cancer  |

SUBSTANCE NOTES: **Filler**

**ALUMINUM OXIDE**

ID: 1344-28-1

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

HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 1.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                            |
|-------------|------------------------|-------------------------------------|
| RESPIRATORY | AOEC - Asthmagens      | Asthmagen (Rs) - sensitizer-induced |

SUBSTANCE NOTES: **Filler**

**SILICA**

ID: 7631-86-9

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

HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 1.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                               |
|-------------|------------------------|--|
| CANCER      | GHS - Japan            | Carcinogenicity - Category 1A [H350]   |
| CANCER      | GHS - Australia        | H350i - May cause cancer by inhalation |

SUBSTANCE NOTES: **Pigment**

## BUTANOL

ID: **71-36-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 1.0000**      GS: **BM-2**      RC: **None**      NANO: **Unknown**      SUBSTANCE ROLE: **Solvent**

| HAZARD TYPE     | AGENCY AND LIST TITLES  | WARNINGS                         |
|-----------------|-------------------------|----------------------------------|
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation    |
| EYE IRRITATION  | EU - GHS (H-Statements) | H318 - Causes serious eye damage |

SUBSTANCE NOTES: **Solvent**

## ETRIOL

ID: **77-99-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**      HAZARD SCREENING DATE: **2020-09-09**

#: **0.0000 - 0.1000**      GS: **LT-UNK**      RC: **None**      NANO: **Unknown**      SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: **Pigment**

## 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

### VOC

CERTIFYING PARTY: **Self-declared**  
APPLICABLE FACILITIES: **all**  
CERTIFICATE URL:  
<https://www.armstrongceilings.com/commercial/en-us/performance/sustainable-building-design/voc-certificates.html>  
CERTIFICATION AND COMPLIANCE NOTES: **This product is inherently non emitting.**

ISSUE DATE: **2020-09-09**  
EXPIRY DATE: **2023-09-09**  
CERTIFIER OR LAB: **None**

### LCA

### Environmental Product Declaration (EPD) by UL

CERTIFYING PARTY: **Third Party**  
APPLICABLE FACILITIES: **all**  
CERTIFICATE URL:  
[https://www.armstrongceilings.com/commercial/en-us/performance/sustainable-building-design/environmental-product-declarations.html#redirect\\_term=epds](https://www.armstrongceilings.com/commercial/en-us/performance/sustainable-building-design/environmental-product-declarations.html#redirect_term=epds)  
CERTIFICATION AND COMPLIANCE NOTES: **Product Specific EPD**

ISSUE DATE: **2016-10-06**  
EXPIRY DATE: **2021-10-06**  
CERTIFIER OR LAB: **UL Environment**

### OTHER

### ILFI Declare - Red List Free

CERTIFYING PARTY: **Second Party**  
APPLICABLE FACILITIES: **all**  
CERTIFICATE URL:  
<https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/certificates/suspension-systems-declare.pdf>  
CERTIFICATION AND COMPLIANCE NOTES: **ILFI Red List Free**

ISSUE DATE: **2020-05-01**  
EXPIRY DATE: **2021-05-01**  
CERTIFIER OR LAB: **ILFI**

## 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

For more information on this product visit: <https://www.armstrongceilings.com/commercial/en-us/suspension-systems.html>



## MANUFACTURER INFORMATION

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

CONTACT NAME: **Anita Snader**  
TITLE: **Sustainability Manager**  
PHONE: **1-877-276-7876**  
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

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### 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-1</b> List Translator 1 (Likely Benchmark-1)   |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>NoGS</b> No GreenScreen.  |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |  |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      |  |

### 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 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.*