

CLASSIFICATION: 095100

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Create a monolithic visual with Lyra's smooth, white, drywall-like visual; •High acoustics; Excellent sound-blocking ; Washable, Impact-resistant, Scratch-resistant, Soil-resistant •All items are manufactured with a plant-based binder •Compatible with the TechZone® Ceiling 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
- 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 LYRA PLANT BASED (PB) [FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT (FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT) **LT-UNK** STARCH ACRYLIC BINDER **NoGS** LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE) **LT-UNK** POLYVINYL ACETATE (PVA) (POLYVINYL ACETATE (PVA)) **LT-UNK** VEGETABLE OIL **NoGS** ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE) **BM-2** | RES POLY(METHYLHYDROSILOXANE) (POLY(METHYLHYDROSILOXANE)) **NoGS** POLY(VINYL ALCOHOL) (POLY(VINYL ALCOHOL)) **LT-UNK** DIPROPYLENE GLYCOL DIBENZOATE (DIPROPYLENE GLYCOL DIBENZOATE) **LT-P1** | MUL]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-P1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

All ingredients have been screened using the HPD Builder

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
LCA: Lyra Environmental product declaration (EPD) product specific
Other: ILFI Declare - Red List Compliant

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2017-08-29
PUBLISHED DATE: 2017-08-29
EXPIRY DATE: 2020-08-29

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

ARMSTRONG COMMERCIAL CEILINGS LYRA PLANT BASED (PB)

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: All ingredients have been screened using the HPD Builder.

FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT (FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT)

ID: 65997-17-3

#: 75.0000 - 85.0000	GS: LT-UNK	RC: PostC	NANO: No	ROLE: Core and Scrim
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This ingredient has been screened and no hazards are reported.

STARCH ACRYLIC BINDER

ID: 60323-79-7

#: 10.0000 - 15.0000	GS: NoGS	RC: UNK	NANO: No	ROLE: Binder
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This ingredient has been screened and no hazards are reported.

LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE)

ID: 1317-65-3

#: 7.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This ingredient has been screened and no hazards are reported.

POLYVINYL ACETATE (PVA) (POLYVINYL ACETATE (PVA))

ID: 9003-20-7

#: 3.0000 - 5.0000	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: This ingredient has been screened and no hazards are reported.

VEGETABLE OIL

ID: 68918-91-2

#: 2.0000 - 5.0000	GS: NoGS	RC: UNK	NANO: No	ROLE: Binder
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This ingredient has been screened and no hazards are reported.

ALUMINA TRIHYDRATE (ALUMINA TRIHYDRATE)

ID: 21645-51-2

#: 2.0000 - 5.0000	GS: BM-2	RC: None	NANO: No	ROLE: Fire Retardant
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

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

SUBSTANCE NOTES: This ingredient has been screened and no hazards are reported.

POLY(METHYLHYDROSILOXANE) (POLY(METHYLHYDROSILOXANE))

ID: 63148-57-2

#: 0.3000 - 0.5000	GS: NoGS	RC: None	NANO: No	ROLE: Repellent
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This ingredient has been screened and no hazards are reported.

POLY(VINYL ALCOHOL) (POLY(VINYL ALCOHOL))

ID: 9002-89-5

#: 0.3000 - 0.5000	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: This ingredient has been screened and no hazards are reported.

%: **0.1000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Adhesive**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: This ingredient has been screened and no hazards are reported.

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 CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: Third Party ISSUE DATE: 2016-02-19 EXPIRY DATE: 2018-02-19 CERTIFIER OR LAB: Berkeley Analytical

APPLICABLE FACILITIES: all

CERTIFICATE URL: <https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/lyra-ceiling-tiles.html>

CERTIFICATION AND COMPLIANCE NOTES: Meet LEEDv4 criteria

LCA Lyra Environmental product declaration (EPD) product specific

CERTIFYING PARTY: Third Party ISSUE DATE: 2016-03-31 EXPIRY DATE: 2020-03-31 CERTIFIER OR LAB: UL Environment

APPLICABLE FACILITIES: all

CERTIFICATE URL: <https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/epds/lyra-epd.pdf>

CERTIFICATION AND COMPLIANCE NOTES: Product Specific EPD

OTHER ILFI Declare - Red List Compliant

CERTIFYING PARTY: Third Party ISSUE DATE: 2017-04-01 EXPIRY DATE: 2018-04-01 CERTIFIER OR LAB: ILFI

APPLICABLE FACILITIES: all

CERTIFICATE URL: <https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/certificates/lyra-pb-declare.pdf>

CERTIFICATION AND COMPLIANCE NOTES: Red List Free and has 1% proprietary ingredient that has been verified as having no red list ingredients.

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.

ARMSTRONG SUSPENSION SYSTEMS

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

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

All Armstrong ceiling panels can be combined with Armstrong Suspension systems to create a total ceiling solution.

Section 5: General Notes

This HPD is provided for the intended recipient in connection with its assessment of products. In providing information, AWI expresses no opinion to its applicability, suitability, or completeness of the declaration form or the standards and criteria utilized or referenced therein. Information provided herein is qualified in the entirety by reference to the product Safety Data Sheet (SDS) which can be located at armstrongceilings.com. Please visit the Armstrong website for detailed information on this product. <https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/lyra-ceiling-tiles.html>

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Armstrong World Industries**
ADDRESS: **2500 Columbia Avenue**
Lancaster PA 17603, USA
WEBSITE:
<https://www.armstrongceilings.com/pdbupimages-clg/210566.pdf/download/calla-ceiling-panels-declare-label.pdf>

CONTACT NAME: **Armstrong Technical Services**
TITLE: **Techline**
PHONE: **1-877-276-7876**
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

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

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.