

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

CONTENT INVENTORY

| | | |
|---|---|--|
| <p>Threshold per material</p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Per OSHA MSDS</p> <p><input type="radio"/> Other</p> | <p>Residuals and impurities considered in 3 of 4 materials</p> <p><input checked="" type="radio"/> see Section 2: Material Notes</p> <p><input checked="" type="radio"/> see Section 5: General Notes</p> | <p>Based on the selected Content Inventory Threshold:</p> <p>Characterized..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are the Percent Weight and Role provided for all substances?</p> <p>Screened..... <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Are all substances screened using Priority Hazard Lists with results disclosed?</p> <p>Identified..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are all substances disclosed by Name (Specific or Generic) and Identifier?</p> |
|---|---|--|

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

CEILING SUBSTRATE FOR LYRA PB [FIBERGLASS **LT-U** STARCH ACRYLIC BINDER **UNK** MODIFIED VEGETABLE OIL **UNK** WATER REPELLANT **UNK**] COATING FOR LYRA PB [LIMESTONE; CALCIUM CARBONATE **LT-UNK** POLYVINYL ACETATE (PVA) **LT-UNK**] FACING (BACK) [FIBERGLASS **UNK** POLYVINYL ACETATE (PVA) **LT-UNK** STARCH ACRYLIC BINDER **UNK** PLASTICIZER **UNK**] FACING FRONT FOR LYRA [FIBERGLASS **UNK** HYDRATED ALUMINA **UNK** POLY(VINYL ALCOHOL) **LT-UNK** PROPRIETARY **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

VOC emissions: Clear Chem - Berkeley Analytical - Third party compliant with California Dept. of Public Health CDPH/EHLB/Standard Method Version 1.1 2010.
LCA: Environmental Product Declaration
Other: Declare

See Section 3 for additional listings.

| | | | |
|--|-----------------|----------------------------------|--|
| <input checked="" type="radio"/> Self-Published* | VERIFIER: | SCREENING DATE: January 26, 2017 | EXPIRY DATE*: January 26, 2020 |
| <input type="radio"/> Third Party Verified | VERIFICATION #: | RELEASE DATE: January 26, 2017 | * or within 3 months of significant change in product contents |
| *See HPDC website for details | | | |



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

CEILING SUBSTRATE FOR LYRA PB

#: 70.0000 - 85.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Residuals/impurities in select raw materials are quantitatively measured, and are displayed in the HPD when greater than 1000ppm.

FIBERGLASS

ID: 65997-17-3

#: 65.0000 - 75.0000

GS: LT-U

RC: PostC

NANO: NO

ROLE: Core material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

STARTCH ACRYLIC BINDER

ID: 60323-79-7

#: 5.0000 - 10.0000

GS: UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

MODIFIED VEGETABLE OIL

ID: 68918-91-2

#: 0.5000 - 5.0000

GS: UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

WATER REPELLANT

ID: 63148-57-2

#: 0.1000 - 0.5000

GS: UNK

RC: None

NANO: NO

ROLE: Repellant

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:**COATING FOR LYRA PB** %: 5.0000 - 10.0000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 5.0000 - 10.0000

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:**POLYVINYL ACETATE (PVA)**

ID: 9003-20-7

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:**FACING (BACK)** %: 2.0000 - 6.0000 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes:

FIBERGLASS

ID: 65997-17-3

%: 1.0000 - 3.0000

GS: UNK

RC: Both

NANO: NO

ROLE: Fiber Core

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:**POLYVINYL ACETATE (PVA)**

ID: 9003-20-7

%: 1.0000 - 3.0000

GS: LT-UNK

RC: UNK

NANO: NO

ROLE: Adhesive

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

STARCH ACRYLIC BINDER

ID: 60323-79-7

%: 0.1000 - 0.5000

GS: UNK

RC: UNK

NANO: NO

ROLE: Binder

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

PLASTICIZER

ID: 27138-31-4

%: 0.1000 - 1.0000

GS: UNK

RC: UNK

NANO: NO

ROLE: Adhesive

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

FACING FRONT FOR LYRA

%: 1.0000 - 8.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Residuals/impurities in select raw materials are quantitatively measured, and are displayed in the HPD when greater than 1000ppm.

FIBERGLASS

ID: 65997-17-3

%: 1.0000 - 3.0000

GS: UNK

RC: PostC

NANO: NO

ROLE: Fiber Core

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

HYDRATED ALUMINA

ID: 21645-51-2

%: 1.0000 - 5.0000

GS: UNK

RC: None

NANO: NO

ROLE: FR

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLY(VINYL ALCOHOL)

ID: 9002-89-5

%: 0.1000 - 0.5000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

PROPRIETARY

ID:

%: 0.1000 - 0.7000

GS: UNK

RC: None

NANO: NO

ROLE: Unknown

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:



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

CERTIFYING PARTY: Second Party

APPLICABLE FACILITIES:

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

CERTIFICATION AND COMPLIANCE NOTES:

LCA

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES:

CERTIFICATE URL: <https://www.armstrongceilings.com/pdbupimages-clg/210562.pdf/download/lyra-plant-based-ceiling-panels-epd.pdf>

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

CERTIFYING PARTY: Second Party

APPLICABLE FACILITIES: all

CERTIFICATE URL: <https://access.living-future.org/lyra%E2%84%A2-pb-ceiling-panels>

CERTIFICATION AND COMPLIANCE NOTES:

Clear Chem - Berkeley Analytical - Third party compliant with California Dept. of Public Health CDPH/EHLB/Standard Method Version 1.1 2010.

ISSUE DATE:

2016-02-19

EXPIRY DATE:

2018-02-19

CERTIFIER OR LAB:

Berkeley Analytical

Environmental Product Declaration

ISSUE

DATE: 2016-03-31

EXPIRY

DATE: 2020-03-31

CERTIFIER OR LAB:

UL Environment

Declare

ISSUE DATE:

2016-04-01

EXPIRY DATE:

2017-04-01

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.

REFER TO PRODUCT WEBSITE

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: <https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/lyra-ceiling-tiles.html>



Section 5: General Notes

Please visit the product website for more information. <https://www.armstrongceilings.com/commercial/en-us/commercial-ceilings-walls/lyra-ceiling-tiles.html> Armstrong World Industries expresses no opinion to its applicability, suitability, or completeness of the declaration form or the standards and criteria utilized or referenced therein. Information provided by Armstrong World Industries herein is qualified in the entirety by reference to the product Safety Data Sheet (SDS), which can be located at www.armstrongceilings.com.



MANUFACTURER INFORMATION

MANUFACTURER: Armstrong World Industries

CONTACT NAME: Armstrong Technical Services

ADDRESS: 2500 Columbia Avenue
Lancaster, PA 17603
USA

TITLE: Techline

PHONE: 1-877-276-7876

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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

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) **BM-2** Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.