Clean Room™ FL Ceiling Panels by Armstrong World Industries

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 281336311808 CLASSIFICATION: 09 51 23 Acoustical Tile Ceilings

PRODUCT DESCRIPTION: Clean Room FL ceiling panels meet controlled environment guidelines including USDA/FSIS guidelines and clean room requirements up to ISO Class 5 (Class 100). These durable - washable, scrubbable, and soil-resistant - panels provide excellent sound-blocking (CAC 35-40) and a non-directional visual to reduce scrap and installation time.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

C Nested Materials Method Basic Method

Threshold Disclosed Per

Material

Product

Threshold Level

C 1,000 ppm C Per GHS SDS

Other

Residuals/Impurities Evaluation

Completed

C Partially Completed

Not Completed

Explanation(s) provided:

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Yes ○ No

Provided weight and role.

Screened

Provided screening results using HPDC-approved

methods.

Identified Yes ○ No

Provided name and CAS RN or other 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

CLEAN ROOM™ FL CEILING PANELS [CLAY LT-UNK | CAN PERLITE NoGS MINERAL WOOL LT-UNK QUARTZ BM-1 | CAN | MAM | GEN CELLULOSE LT-P1 | CAN CORN STARCH NoGS TITANIUM DIOXIDE BM-1 | CAN | END | MAM ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE LT-UNK PET LT-P1 SOY PROTEINS NoGS SOYBEAN, FLOUR NoGS ACETONE LT-P1 | END | DEV | EYE | PHY | MAM | REP TOLUENE BM-1 | END | DEV | MUL | REP | SKI | PHY | MAM | EYE | AQU BROWN PIGMENT LT-UNK

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

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.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

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

LCA: Environmental Product Declaration (EPD) by UL - Industry Generic

CONSISTENCY WITH OTHER PROGRAMS

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

Third Party Verified?

Yes No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2025-04-15 PUBLISHED DATE: 2025-04-15 EXPIRY DATE: 2028-04-15

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

CLEAN ROOM™ FL CEILING PANELS

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:

CLAY ID: 1332-58-7 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-15 6:38:32 %: 20.0000 - 35.0000 GreenScreen: LT-UNK RC: None NANO: Unknown SUBSTANCE ROLE: Filler HAZARD TYPE WARNINGS LIST NAME AND SOURCE Carcinogen Group 3B - Evidence of carcinogenic effects CAN MAK but not sufficient for classification ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION None found No listings found on Additional Hazard Lists SUBSTANCE NOTES:

PERLITE				ID: 130885-09-5
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD SCRI	EENING DATE: 2025-04-15 6:38:32
%: 30.0000 - 35.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listir	ngs found on Additional Hazard Lists
SUBSTANCE NOTES:				

MINERAL WOOL ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-15 6:38:33

%: 20.0000 - 25.0000	GreenScreen: LT-UNK	RC: PreC	NANO: Unknown	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Co	mmission (EU	EU - REACH Exemptio	ons
			Exempted from REACH safety	H Annex V listing due to intrinsic
SUBSTANCE NOTES: Minera	al wool is made from recycled steel sla	g.		

HAZARD DATA SOURCE: PI	haros Chemical and Materials Library		HAZARD SCF	REENING DATE:	2025-04-15 6:38:
%: 0.0000 - 10.0000	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE	ROLE: Impurity
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	US CDC - Occupational Carcino	gens	Occupational Carcino	gen	
CAN	CA EPA - Prop 65		Carcinogen - specific	to chemical form	or exposure route
CAN	US NIH - Report on Carcinogens		Known to be Human (occupational setting)	Carcinogen (respi	irable size -
CAN	MAK		Carcinogen Group 1 - man	Substances that	cause cancer in
CAN	IARC		Group 1 - Agent is cal occupational sources	rcinogenic to hum	nans - inhaled from
CAN	IARC		Group 1 - Agent is Ca	rcinogenic to hun	nans
CAN	US NIH - Report on Carcinogens	i	Known to be a human	Carcinogen	
CAN	GHS - Japan		H350 - May cause car	ncer [Carcinogeni	icity - Category 1A]
CAN	GHS - Australia		H350i - May cause ca Category 1A or 1B]	ncer by inhalation	n [Carcinogenicity -
CAN	GHS - New Zealand		Carcinogenicity categ	ory 1	
MAM	GHS - Japan		H372 - Causes damag repeated exposure [S following repeated exp	pecific target orga	ans/systemic toxici
GEN	GHS - Japan		H341 - Suspected of comutagenicity - Categor		efects [Germ cell
MAM	GHS - Australia		H372 - Causes damagrepeated exposure [S repeated exposure - C	pecific target orga	
MAM	GHS - New Zealand		Specific target organ t	toxicity - repeated	l exposure categor

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.

CELLULOSE ID: 9004-34-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	CREENING DATE: 2025-04-15 6:38:34
%: 5.0000 - 10.0000	GreenScreen: LT-P1	RC: PostC	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	CA EPA - Prop 65		Carcinogen - speci	fic to chemical form or exposure route
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: The cellulose in this product is from post-consumer recycled paper.

CORN STARCH ID: 9005-25-8

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	ros Chemical and Materials Library		EENING DATE: 2025-04-15 6:38:32
%: 0.0000 - 5.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings	s found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European EC)	Commission (EU	EU - REACH Exemption	ons
	20)		Exempted from REACI safety	H Annex IV listing due to intrinsic

SUBSTANCE NOTES:

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-15 6:38:33

%: 0.0000 - 5.0000 GreenScreen: BM-1 RC: None NANO: Unknown SUBSTANCE ROLE: Pigment

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
ADDITIONAL LISTINGS POSITIVE LIST	LIST NAME AND SOURCE US Environmental Protection Agency (US EPA)	NOTIFICATION US EPA - DfE Safer Chemicals Ingredients list (SCIL)
	US Environmental Protection Agency (US	
	US Environmental Protection Agency (US	US EPA - DfE Safer Chemicals Ingredients list (SCIL)
POSITIVE LIST	US Environmental Protection Agency (US EPA) Cradle to Cradle Products Innovation Institute	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern) C2C Certified v4.0 Product Standard Restricted
POSITIVE LIST	US Environmental Protection Agency (US EPA) Cradle to Cradle Products Innovation Institute	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern) C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
POSITIVE LIST RESTRICTED LIST	US Environmental Protection Agency (US EPA) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern) C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted
POSITIVE LIST RESTRICTED LIST	US Environmental Protection Agency (US EPA) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern) C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
POSITIVE LIST RESTRICTED LIST	US Environmental Protection Agency (US EPA) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern) C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted
POSITIVE LIST RESTRICTED LIST	US Environmental Protection Agency (US EPA) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute (C2CPII) Cradle to Cradle Products Innovation Institute	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern) C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022

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

ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENE

ID: 24937-78-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-15 6:38:34

%: 0.0000 - 1.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive

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:		

PET				ID: 25038-59-9
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD S	SCREENING DATE: 2025-04-15 6:38:34
%: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				

SOY PROTEINS					ID: 9010-10-0
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD SCR	REENING DATE:	2025-04-15 6:38:35
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE	ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warning	s found on HPD	Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Pr	ecautionary List	
			Some Solvents		
SUBSTANCE NOTES:					

SOYBEAN, FLOUR				ID: 68513-95-1
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD SCR	REENING DATE: 2025-04-15 6:38:33
%: 0.0000 - 1.0000	GreenScreen: NoGS	RC: None	NANO: Unknown	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warning	s found on HPD Priority Hazard Lists

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

ACETONE ID: 67-64-1

HAZARD DATA SOURCE: P	HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-04-15 6:38:		
%: 0.0000 - 0.1000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine D	isruptors	Potential Endocrin	ne Disruptor	
DEV	MAK		Pregnancy Risk G	roup B	
EYE	EU - GHS (H-Statements) And	nex 6 Table 3-1		rious eye irritation [Serious eye ion - Category 2A]	
PHY	EU - GHS (H-Statements) Ani	nex 6 Table 3-1	H225 - Highly flam liquids - Category	nmable liquid and vapour [Flammable 2]	
MAM	GHS - Japan		-	e respiratory irritation [Specific target angle exposure - Category 3]	
EYE	GHS - New Zealand		Eye irritation cate	gory 2	
EYE	GHS - Australia			rious eye irritation [Serious eye ion - Category 2A]	
MAM	GHS - Japan		repeated exposure	mage to organs through prolonged or e [Specific target organs/systemic toxicity I exposure - Category 1]	
REP	GHS - Japan		H361 - Suspected [Toxic to reproduc	of damaging fertility or the unborn child tion - Category 2]	
PHY	GHS - New Zealand		Flammable liquids	category 2	
PHY	GHS - Japan		H225 - Highly flam liquids - Category	nmable liquid and vapour [Flammable 2]	
PHY	GHS - Malaysia		H225 - Highly flam liquids - Category	nmable liquid and vapour [Flammable 2]	
PHY	GHS - Australia		H225 - Highly flam liquids - Category	nmable liquid and vapour [Flammable 2]	
EYE	GHS - Malaysia			rious eye irritation [Serious eye ion - Category 2A]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute	e (GSPI)	GSPI - Six Classe	s Precautionary List	
			Some Solvents		
SUBSTANCE NOTES:					

SUBSTANCE NOTES:

TOLUENE ID: 108-88-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-04-15 6:38:35		
%: 0.0000 - 0.1000	GreenScreen: BM-1	RC: None	NANO: Unknown	SUBSTANCE ROLE: Adhesive	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disr	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
DEV	G&L - Neurotoxic Chemicals	G&L - Neurotoxic Chemicals		Developmental Neurotoxicant	
DEV	CA EPA - Prop 65	CA EPA - Prop 65		Developmental toxicity	
MUL	German FEA - Substances Haza Waters	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
REP	GHS - Japan	GHS - Japan		H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1A]	
SKI	EU - GHS (H-Statements) Anne.	EU - GHS (H-Statements) Annex 6 Table 3-1		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
PHY	EU - GHS (H-Statements) Anne.	EU - GHS (H-Statements) Annex 6 Table 3-1		H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]	
DEV	EU - GHS (H-Statements) Anne.	EU - GHS (H-Statements) Annex 6 Table 3-1		H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]	
MAM	GHS - Japan	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
SKI	GHS - New Zealand	GHS - New Zealand		Skin irritation category 2	
EYE	GHS - New Zealand	GHS - New Zealand		Eye irritation category 2	
SKI	GHS - Australia	GHS - Australia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
MAM	GHS - Japan	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
MAM	GHS - Japan	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]	
SKI	GHS - Japan	GHS - Japan		H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]	
REP	GHS - New Zealand	GHS - New Zealand		Reproductive toxicity category 2	
REP	GHS - Korea	GHS - Korea		H361 - Suspected of damaging fertility or the unborn child [Reproductive toxicity - Category 2]	
REP	EU - Annex VI CMRs	EU - Annex VI CMRs		Reproductive Toxicity - Category 2	
SKI	GHS - Korea	GHS - Korea		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
AQU	GHS - Japan	GHS - Japan		H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]	
SKI	GHS - Malaysia	GHS - Malaysia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]	
PHY	GHS - Korea		H225 - Highly flamma liquids - Category 2]	ble liquid and vapour [Flammable	

PHY	GHS - New Zealand	Flammable liquids category 2	
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2] H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]	
PHY	GHS - Malaysia		
DEV	GHS - Malaysia	H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]	
PHY	GHS - Australia	H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]	
DEV	GHS - Japan	H362 - May cause harm to breast-fed children [Developmental Toxicity - May cause harm to breast-fed children]	
MAM	EU - GHS (H-Statements) Annex 6 Table 3-1	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]	
MAM	GHS - Malaysia	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]	
MAM	GHS - Australia	H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List	
		Some Solvents	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
		Children's Products	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
		Formulated Consumer Products	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
		Cosmetics & Personal Care Products	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024	
		All Products	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024	
		Cosmetics and Personal Care Products	
CURCTANCE NOTES.			

SUBSTANCE NOTES:

BROWN PIGMENT ID: 12713-03-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2025-04-15 6:38:35

	%: 0.0000 - 0.1000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
	HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
	None found			No warn	ings found on HPD Priority Hazard Lists
	ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard 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 SCS Indoor Advantage Gold - Classroom & Office scenario

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Applicable to all manufacturing sites

CERTIFICATE URL:

LCA

https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-

america/certificates/felt-metal-mineral-fiber-voc-certificate.pdf

CERTIFICATION AND COMPLIANCE NOTES:

CERTIFIER OR LAB: SCS

00:00:00

EXPIRY DATE: 2025-06-29

ISSUE DATE: 2024-03-29

00:00:00

Environmental Product Declaration (EPD) by UL - Industry Generic

Global

CERTIFIER OR LAB: UL

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Applicable to all manufacturing sites

CERTIFICATE URL:

https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-

america/epds/clean-room-fl-epd.pdf

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: 2021-10-01

00:00:00

EXPIRY DATE: 2026-10-01

00:00:00

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, Inc.

HPD URL: https://www.armstrongceilings.com/content/dam/armstrongceilings/commercial/north-america/hpds/interlude-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 website for more information on this product: https://www.armstrongceilings.com/commercial/en/commercial-ceilings-walls/clean-room-fl-ceiling-tiles.html

MANUFACTURER INFORMATION

MANUFACTURER: Armstrong World Industries

ADDRESS: 2500 Columbia Ave

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.

KLI

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity **EYE** Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple
NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1) **LT-UNK** List Translator Benchmark Unknown

NoGS No GreenScreen.

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, and Best Practices for Hazard Screening on the HPDC website (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 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

