

CLASSIFICATION: 09-51-26

created via: HPDC Online Builder

PRODUCT DESCRIPTION: TECTUM® CEILINGS AND WALL PANELS DELIVER A SUPERIOR COMBINATION OF PERFORMANCE ATTRIBUTES - EXCELLENT SOUND ABSORPTION, TEXTURED AESTHETICS AND SUPERIOR DURABILITY. IDEALLY SUITED TO OPEN SPACES AND HIGH TRAFFIC, HIGH IMPACT AREAS. PANELS CAN BE ATTACHED DIRECTLY TO WALLS AND CEILINGS IN FORMS OF PANELS, CLOUDS, AND SQUARES.

**Section 1: Summary**

**CONTENT INVENTORY**

Threshold per material	Residuals and impurities considered in 1 of 1 materials
<input type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2: Material Notes
<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 5: General Notes
<input type="radio"/> Per GHS SDS	
<input type="radio"/> Per OSHA MSDS	
<input type="radio"/> Other	

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

**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.

Number of Greenscreen BM-4/BM3 contents..... 2  
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1  
 Nanomaterial..... No

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**

**TECTUM WALL & CEILING PANELS [ WOOD FIBER - UNSPECIFIED NoGS**  
**MAGNESIUM OXIDE LT-UNK SODIUM SILICATE LT-P1 | END MAGNESIUM**  
**SULFATE, ANHYDROUS LT-UNK CALCIUM CARBONATE BM-3 UREA LT-UNK**  
**QUARTZ LT-1 | CAN TITANIUM DIOXIDE LT-1 | CAN | END SILICA,**  
**CHRISTOBALITE LT-1 | CAN TALC BM-3 | CAN ]**

**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 content: CA Section 01350 (CHPS) Emission Test  
 VOC content: VOC Certificate to meet CDPH  
 LCA: Environmental Product Declaration for Tectum

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: April 5, 2017	EXPIRY DATE*: April 5, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: April 28, 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](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### TECTUM WALL & CEILING PANELS

%: 100.0000 - 100.0000

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.

#### WOOD FIBER - UNSPECIFIED

ID:

%: 40.0000 - 45.0000

GS: NoGS

RC: None

NANO: NO

ROLE: Board substrate - wood fiber

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This fiber is from American Aspen wood

#### MAGNESIUM OXIDE

ID: 1309-48-4

%: 20.0000 - 25.0000

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:

#### SODIUM SILICATE

ID: 1344-09-8

%: 15.0000 - 20.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Binder

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Sodium Silicate is bound within the substrate. It is not in a hazardous form in the final product.

#### MAGNESIUM SULFATE, ANHYDROUS

ID: 7487-88-9

%: 5.0000 - 9.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Board

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

None Found

No warnings found on HPD Priority lists

## SUBSTANCE NOTES:

**CALCIUM CARBONATE**

ID: 471-34-1

%: 4.0000 - 8.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Board and Coating

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

None Found

No warnings found on HPD Priority lists

## SUBSTANCE NOTES:

**UREA**

ID: 57-13-6

%: 0.5000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Board

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

None Found

No warnings found on HPD Priority lists

## SUBSTANCE NOTES:

**QUARTZ**

ID: 14808-60-7

%: 0.1000 - 1.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Coating

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

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

SUBSTANCE NOTES: Quartz is bound within the coating It is not in a respirable form in the final installed product.

**TITANIUM DIOXIDE**

ID: 13463-67-7

%: 0.1000 - 0.5000      GS: LT-1      RC: None      NANO: NO      ROLE: Pigment

**HAZARDS:**

**AGENCY(IES) WITH 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

SUBSTANCE NOTES: Titanium Dioxide is bound within the coating. It is not in a reparable form in the final installed product.

**SILICA, CHRISTOBALITE**

ID: 14464-46-1

%: 0.1000 - 0.2000      GS: LT-1      RC: None      NANO: NO      ROLE: Coating

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

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

SUBSTANCE NOTES: Silica is bound within the coating It is not in a reparable form in the final installed product.

%: 0.0100 - 1.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Coating

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

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: MAK denotes German occupational exposure

**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 CONTENT**

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: all

CERTIFICATE URL: <https://www.armstrongceilings.com/commercial/en-us/articles/tectum-part-of-armstrong-portfolio.html>

CERTIFICATION AND COMPLIANCE NOTES: For Ceiling Systems

**LCA**

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES:

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

CERTIFICATION AND COMPLIANCE NOTES:

**VOC CONTENT**

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: all

CERTIFICATE URL: <https://www.armstrongceilings.com/commercial/en-us/articles/tectum-part-of-armstrong-portfolio.html>

CERTIFICATION AND COMPLIANCE NOTES: For Wall Systems

**CA Section 01350 (CHPS) Emission Test**

ISSUE

EXPIRY

CERTIFIER OR LAB:

DATE: 2017-02-23

DATE: 2019-02-23

Berkeley Analytical

**Environmental Product Declaration for Tectum**

ISSUE

EXPIRY

CERTIFIER OR

DATE: 2017-05-01

DATE: 2020-05-01

LAB: UL Environment

**VOC Certificate to meet CDPH**

ISSUE

EXPIRY

CERTIFIER OR LAB:

DATE: 2017-04-26

DATE: 2019-04-26

Berkeley Analytical

**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.

**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](http://www.armstrongceilings.com), as well as by the additional ingredient information provided for specified substances. Please visit: <https://www.armstrongceilings.com/commercial/en-us/articles/tectum-part-of-armstrong-portfolio.html>



## 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

WEBSITE: www.armstrongceilings.com

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

**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.