

# Thermoformed Ceiling and Wall Panels and Tiles by Ceilume

# Health Product Declaration v2.1

CLASSIFICATION: 09 50 00 - Ceilings

created via: HPDC Online Builder

PRODUCT DESCRIPTION: SCOPE: Ceilume's thermoformed panels and tiles for ceiling and walls are made from thin thermoplastic material and outperform other ceiling and wall panel materials. This document applies to standard Ceilume solid colors and light-transmitting products EXCEPT Merlot and Random Gray. // CEILINGS: Use as panels in standard ceiling suspension systems or as tiles glue-applied to substrates. They can be used as drop-out ceilings beneath fire sprinklers and are available in light transmitting materials for use in luminous ceilings beneath light sources. See MasterFormat Sections 09 50 00 - Ceilings, 09 51 00 - Acoustical Ceilings, 09 54 00 - Specialty Ceilings, 09 54 29 - Suspended Plastic Ceilings, 09 54 33 - Decorative Panel Ceilings, 09 54 16 - Luminous Ceilings, and 09 57 00 - Special Function Ceilings. See OmniFormat Sections 21-03 20 50 - Ceiling Finishes, 21-03 20 50 20 - Ceiling Paneling, and 21-03 20 50 80 - Acoustical Ceiling Treatment. // WALLS: Apply direct to substrates or install within frames. See MasterFormat Sections 06 64 00 - Plastic Paneling, 09 30 26 - Plastic Tiling, 09 77 43 - Formed-Plastic Wall Panels, and 09 78 00 - Interior Wall Paneling. See OmniFormat Sections 21-03 20 10 - Wall Finishes and 21-03 20 10 20 - Wall Paneling. // CEILUME is part of Empire West, Inc. (www.empirewest.com), the leading creator of thermoformed panels since Mid-century was Modern.

## 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**

**THERMOFORMED CEILING AND WALL PANELS AND TILES [ POLYVINYL CHLORIDE (PVC) (UNPLASTICIZED PVC (UPVC)) LT-P1 | RES 2-(2-HYDROXY-5-T-OCTYLPHENYL)-BENZOTRIAZOLE NoGS 2,2'-((3,3'-DICHLORO-1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO)BIS(N-(4-CHLORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTANAMIDE LT-P1 | MUL 4, 4-BIS(2-BENZOXAZOYL)STILBENE LT-UNK ALUMINUM HYDROXIDE BM-2 | RES AMORPHOUS SILICA LT-P1 | CAN BENZOIC ACID, 3,3'-((2,5-DICHLORO-1,4-PHENYLENE)BIS(IMINOCARBONYL(2-HYDROXY-3,1-NAPHTHALENE)DIYL)AZO))BIS(4-METHYL-, BIS(1-METHYLETHYL) ESTER LT-UNK BUTANAMIDE, 2,2'-((3,3'-DICHLORO-1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO)BIS(N-(4-CHLORO-2,5-DIMETHOXYPHENYL)-3-OXO- LT-P1 | MUL CALCIUM CARBONATE (CALCIUM CARBONATE) BM-3 CARBON BLACK (CARBON BLACK) LT-1 | CAN CHLORITE NoGS DIBUTYL TIN DIISOCTYLTHIOGLYCOLATE LT-1 | PBT | MUL | CAN | DEL DIBUTYL TIN THIOESTER NoGS DIISONONYL PHTHALATE BM-1 | CAN | END | DEL | MUL | REP HYDROUS MAGNESIUM SILICATE BM-1 | CAN MAGNESITE LT-UNK MAGNESIUM CALCIUM CARBONATE NoGS METHYL METHACRYLATE LT-P1 | SKI | RES | END | PHY MIXED ESTER OF SATURATED FATTY ACIDS NoGS MONOBUTYL TIN THIOESTER NoGS POLY(BUTYL ACRYLATE-METHYL METHACRYLATE) LT-UNK STEAROYL LACTYLATE NoGS SODIUM ALUMINO SULPHO SILICATE LT-UNK TITANIUM DIOXIDE (TITANIUM DIOXIDE) LT-1 | CAN | END PIGMENT VIOLET 23 (DIOXAZINE PIGMENT) LT-UNK WATER (WATER) BM-4 ACRYLIC LT-UNK ]**

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

### INVENTORY AND SCREENING NOTES:

The product is 80% to 85% PVC. The remaining 15% to 20% of ingredients are not listed in order of percent of content because the percentages are proprietary.

**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: GreenGuard - Gold (previously Children & Schools)

Multi-attribute: IAPMO-UES Report 310

**CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-10-30

PUBLISHED DATE: 2017-10-31

EXPIRY DATE: 2020-10-30

## 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### THERMOFORMED CEILING AND WALL PANELS AND TILES

PRODUCT THRESHOLD: Per OSHA MSDS

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: Residual monomers may be present.

OTHER PRODUCT NOTES: CORPORATE STATEMENT 1. Ceilume acknowledges that this product is made with chemicals of concern. Despite this, we have decided to publish this HPD in the interests of transparency -- a fundamental tool for making sustainable product selection decisions. // 2. Our company and our suppliers have ongoing programs of continuous improvement. We are investigating alternative ingredients with better environmental profiles. A reformulated product must satisfy many performance requirements in addition to sustainability, so new materials must also be vetted for fire safety, durability, acoustics, and other criteria. We are working towards this goal, and invite interested parties to contact us to participate with beta testing on actual building projects. // Judgement must be used in interpretation of the benchmarks in this HPD. Consider aluminum hydroxide as an example. It is an asthmagen only in its inhalable form, so specifiers must understand the likelihood of that the ingredient will be inhaled during the product life cycle. Manufacturing: The plastic compounder and their supplier of aluminum hydroxide take pains to prevent the release of aluminum hydroxide. Once compounded, the aluminum hydroxide is permanently bound within a polymer matrix that limits airborne release. Use: During installation, our panels are trimmed with sharp knives or shears, a process unlikely to release airborne particles. Ceiling products are not subject to abrasion that could release particles. Similarly, it is unlikely that our product will be used on walls that are subject to abrasion. End of Use: The thermoplastic scrap and debris should be melted and formed into new products without the airborne release of aluminum hydroxide. A similar analysis can be performed for other ingredients.

### POLYVINYL CHLORIDE (PVC) (UNPLASTICIZED PVC (UPVC))

ID: 9002-86-2

#: 80.0000 - 85.0000 GS: LT-P1 RC: UNK NANO: No ROLE: Base substance

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

### 2-(2-HYDROXY-5-T-OCTYLPHENYL)-BENZOTRIAZOLE

ID: Not Registered

#: 0.0100 - 2.0000 GS: NoGS RC: UNK NANO: No ROLE: UV inhibitor

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**2,2'-((3,3'-DICHLORO-1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO)BIS(N-(4-CHLORO-2,5-DIMETHOXYPHENYL)-3-OXOBUTANAMIDE**

ID: 5468-75-7

#: **0.0100 - 2.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Pigment**

HAZARDS: AGENCY(IES) WITH WARNINGS:

MULTIPLE German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: 1. Also know as Yellow 14. // 2. Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**4, 4-BIS(2-BENZOXAZOYL)STILBENE**

ID: 1533-45-5

#: **0.0100 - 2.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Brightener**

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**ALUMINUM HYDROXIDE**

ID: 21645-51-2

#: **0.0100 - 2.0000** GS: **BM-2** RC: **UNK** NANO: **No** ROLE: **Pigment**

HAZARDS: AGENCY(IES) WITH WARNINGS:

RESPIRATORY AOEC - Asthmagens Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**AMORPHOUS SILICA**

ID: 7631-86-9

#: **0.0100 - 2.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Pigment**

HAZARDS: AGENCY(IES) WITH WARNINGS:

CANCER Japan - GHS Carcinogenicity - Category 1A

SUBSTANCE NOTES: Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**BENZOIC ACID, 3,3'-((2,5-DICHLORO-1,4-PHENYLENE)BIS(IMINOCARBONYL(2-HYDROXY-3,1-NAPHTHALENEDIYL)AZO))BIS(4-METHYL-, BIS(1-METHYLETHYL) ESTER**

ID: 71566-54-6

#: **0.0100 - 2.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**BUTANAMIDE, 2,2'-((3,3'-DICHLORO-1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO)BIS(N-(4-CHLORO-2,5-DIMETHOXYPHENYL)-3-OXO-**

ID: 5567-15-7

#: **0.0100 - 2.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Pigment**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
MULTIPLE	German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: 1. Also known as Yellow 83. // 2. Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**CALCIUM CARBONATE (CALCIUM CARBONATE)**

ID: 471-34-1

#: **0.0100 - 2.0000** GS: **BM-3** RC: **UNK** NANO: **No** ROLE: **Impact modifier**

HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**CARBON BLACK (CARBON BLACK)**

ID: 1333-86-4

#: **0.0100 - 2.0000** GS: **LT-1** RC: **UNK** 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
CANCER	MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**CHLORITE**

ID: 14998-27-7

#: **0.0100 - 2.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Filler**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**DIBUTYLTIN DIISOCTYLTHIOGLYCOLATE**ID: **25168-24-5**

#: **0.0100 - 2.0000**      GS: **LT-1**      RC: **UNK**      NANO: **No**      ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

PBT      OSPAR - Priority PBTs & EDs & equivalent concern      PBT - Chemical for Priority Action

MULTIPLE      German FEA - Substances Hazardous to Waters      Class 3 - Severe Hazard to Waters

CANCER      MAK      Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

DEVELOPMENTAL      MAK      Pregnancy Risk Group B

SUBSTANCE NOTES: Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**DIBUTYLTIN THIOESTER**ID: **Not Registered**

#: **0.0100 - 2.0000**      GS: **NoGS**      RC: **UNK**      NANO: **No**      ROLE: **Stabilizer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**DIISONONYL PHTHALATE**ID: **28553-12-0**

#: **0.0100 - 2.0000**      GS: **BM-1**      RC: **UNK**      NANO: **No**      ROLE: **Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER      CA EPA - Prop 65      Carcinogen

ENDOCRINE      EU - Priority Endocrine Disruptors      Category 2 - In vitro evidence of biological activity related to Endocrine Disruption

DEVELOPMENTAL      US NIH - Reproductive & Developmental Monographs      Some Evidence of Adverse Effects - Developmental Toxicity

RESTRICTED LIST      US EPA - PPT Chemical Action Plans      EPA Chemical of Concern - Action Plan published

RESTRICTED LIST      US EPA - PPT Chemical Action Plans      TSCA Work Plan chemical - Action Plan in development

ENDOCRINE      ChemSec - SIN List      Endocrine Disruption

ENDOCRINE      TEDX - Potential Endocrine Disruptors      Potential Endocrine Disruptor

SUBSTANCE NOTES: None

**HYDROUS MAGNESIUM SILICATE**

ID: 14807-96-6

#: <b>0.0100 - 2.0000</b>	GS: <b>BM-1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Filler</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: 1. Also known as talc. 2. Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**MAGNESITE**

ID: 546-93-0

#: <b>0.0100 - 2.0000</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Filler</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**MAGNESIUM CALCIUM CARBONATE**

ID: 16389-88-1

#: <b>0.0100 - 2.0000</b>	GS: <b>NoGS</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Filler</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Also known as dolomite.

**METHYL METHACRYLATE**

ID: 80-62-6

#: <b>0.0100 - 2.0000</b>	GS: <b>LT-P1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Processing aid</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
SKIN IRRITATION	EU - R-phrases R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases R43 - May cause sensitization by skin contact
RESPIRATORY	AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced
SKIN IRRITATION	EU - GHS (H-Statements) H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements) H317 - May cause an allergic skin reaction

ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

SUBSTANCE NOTES: Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**MIXED ESTER OF SATURATED FATTY ACIDS**

ID: **Unknown**

%: <b>0.0100 - 2.0000</b>	GS: <b>NoGS</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Lubricant</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: None				

**MONOBUTYLTIN THIOESTER**

ID: **Not Registered**

%: <b>0.0100 - 2.0000</b>	GS: <b>NoGS</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Stabilizer</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: None				

**POLY(BUTYL ACRYLATE–METHYL METHACRYLATE)**

ID: **25852-37-3**

%: <b>0.0100 - 2.0000</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Impact modifier</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: None				

**STEAROYL LACTYLATE**

ID: **Unknown**

%: <b>0.0100 - 2.0000</b>	GS: <b>NoGS</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Lubricant</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			
SUBSTANCE NOTES: None				



**SODIUM ALUMINO SULPHO SILICATE**

ID: 57455-37-5

#: <b>0.0100 - 2.0000</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Pigment</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Also known as ultramarine blue and blue 29.

**TITANIUM DIOXIDE (TITANIUM DIOXIDE)**

ID: 13463-67-7

#: <b>0.0100 - 2.0000</b>	GS: <b>LT-1</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Pigment</b>
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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: Potential hazard is de minimis as substance is unlikely to be released into environment during manufacturing, ordinary handling and use, or proper recycling.

**PIGMENT VIOLET 23 (DIOXAZINE PIGMENT)**

ID: 6358-30-1

#: <b>0.0100 - 2.0000</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Pigment</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**WATER (WATER)**

ID: 7732-18-5

#: <b>0.0100 - 2.0000</b>	GS: <b>BM-4</b>	RC: <b>UNK</b>	NANO: <b>No</b>	ROLE: <b>Processing aid</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

**ACRYLIC**

ID: 26299-47-8

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: None

### 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	GreenGuard - Gold (previously Children & Schools)		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2000-01-01	EXPIRY DATE: 2018-12-31	CERTIFIER OR LAB: UL Environment
APPLICABLE FACILITIES: All Ceilume Facilities			
CERTIFICATE URL: <a href="https://spot.ulprospector.com/en/na/BuiltEnvironment/search?k=ceilume+-sustainable&amp;st=1">https://spot.ulprospector.com/en/na/BuiltEnvironment/search?k=ceilume+-sustainable&amp;st=1</a>			
CERTIFICATION AND COMPLIANCE NOTES:			

MULTI-ATTRIBUTE	IAPMO-UES Report 310		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2013-11-12	EXPIRY DATE: 2017-11-30	CERTIFIER OR LAB: IAPMO-Uniform Evaluation Service
APPLICABLE FACILITIES: All.			
CERTIFICATE URL: <a href="http://www.iapmoes.org/Documents/ER_0310.pdf">http://www.iapmoes.org/Documents/ER_0310.pdf</a>			
CERTIFICATION AND COMPLIANCE NOTES: Evaluated in accordance with: NFPA 13-10 and -13, "Ceilume Ceiling Tiles are Class A interior finish lay-in panels for use in approved suspended ceiling framing systems in non-fire-resistance-rated floor-ceiling or roof-ceiling assemblies. The panels comply with Section 803 of the 2015, 2012, 2009 and 2006 IBC." Fire sprinklers can penetrate ceiling panels or be installed ABOVE CEILING. In the event of a fire, panels soften and drop out of ceiling suspension system. This allows fire sprinklers to discharge normally and extinguish fire. In most instances, sprinklers will extinguish fire before ignition of ceiling panels that are located on relatively cool floor. This reduces the potential for products of combustion to be released. Many types of ceilings are damaged by smoke or sprinkler water and will require replacement after a fire. However Ceilume panels that are not directly exposed to fire are water resistant, will not support mold, and can be washed and reused; this improved their environmental footprint.			

### 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.*

ADHESIVE (OPTIONAL)	HPD URL: No HPD available
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:	

## CEILING SUSPENSION SYSTEM (OPTIONAL)

HPD URL: **No HPD available**

### CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

When installing Ceilume products in a ceiling suspension system, comply with ASTM C636 - Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels and ASTM E580 - Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions. // Ceilume does not manufacture suspension systems; products with high recycled-material content are available.

## Section 5: General Notes

Ceilume products are acoustic, decorative, available in many styles and colors, unaffected by water or moisture, hygienic, washable, highly stain resistant, easy to install, Class A-rated for surface burning characteristics, safe to handle, robust and resilient, and free of VOCs and potentially hazardous mineral fibers. They are recyclable without loss of material performance. They weigh 80% less than most mineral fiber ceiling panels - reducing the mass of materials used and transportation impacts. They are compatible with FDA and USDA requirements for drug and food processing areas, and meet FEMA Class 4 criteria for use in flood-prone areas. // This HPD is based on information from suppliers and is to the best of Ceilume's knowledge.

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **Ceilume**  
ADDRESS: **PO Box 511**  
**Graton California 9, USA**  
WEBSITE: **www.ceilume.com/pro**

CONTACT NAME: **David Condello**  
TITLE: **Commercial Accounts Manager**  
PHONE: **1-877-492-5605**  
EMAIL: **pro@ceilume.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

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<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>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

### GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information)

**BM-1** Benchmark 1 (avoid - chemical of high concern)  
**BM-U** Benchmark Unspecified (insufficient data to benchmark)

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

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*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.*