# Thermoformed Ceiling and Wall Panels and Tiles by Ceilume

**Health Product Declaration v2.3**

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**
*Percent Weight and Role Provided?* ◉ Yes ○ No

**Screened**
*Using Priority Hazard Lists with Results Disclosed?* ○ Yes ◉ No

**Identified**
*Name and Identifier Provided?* ○ 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.

**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-NAPHTHALENEDIYL)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 DIBUTYLTIN DIISOOCTYLTHIOGLYCOLATE LT-1 | PBT | MUL | CAN | DEL DIBUTYLTIN 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 MONOBUTYLTIN 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: 2022-09-22
PUBLISHED DATE: 2022-09-23
EXPIRY DATE: 2023-09-22

# 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*

## 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 DIISOOCTYLTHIOGLYCOLATE

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 Disrupters | 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 |

| | | |
|---|---|---|
| REPRODUCTIVE | US EPA - PPT Chemical Action Plans | Reproductive effects |

SUBSTANCE NOTES: None

## HYDROUS MAGNESIUM SILICATE

ID: **14807-96-6**

%: **0.0100 - 2.0000** GS: **BM-1** RC: **UNK** NANO: **No** ROLE: **Filler**

| 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**

%: **0.0100 - 2.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Filler**

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

SUBSTANCE NOTES: None

## MAGNESIUM CALCIUM CARBONATE

ID: **16389-88-1**

%: **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: Also known as dolomite.

## METHYL METHACRYLATE

ID: **80-62-6**

%: **0.0100 - 2.0000** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Processing aid**

| 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**

%: **0.0100 - 2.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Lubricant**

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

SUBSTANCE NOTES: None

## MONOBUTYLTIN 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

## POLY(BUTYL ACRYLATE–METHYL METHACRYLATE)

ID: **25852-37-3**

%: **0.0100 - 2.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Impact modifier**

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

SUBSTANCE NOTES: None

## STEAROYL LACTYLATE

ID: **Unknown**

%: **0.0100 - 2.0000** GS: **NoGS** RC: **UNK** NANO: **No** ROLE: **Lubricant**

| 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

%: **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: Also known as ultramarine blue and blue 29.

## TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: 13463-67-7

%: **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 |
| 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

%: **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

## WATER (WATER)

ID: 7732-18-5

%: **0.0100 - 2.0000** GS: **BM-4** RC: **UNK** NANO: **No** ROLE: **Processing aid**

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

SUBSTANCE NOTES: None

## ACRYLIC

ID: 26299-47-8

%: **0.0100 - 2.0000** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Processing Aid**

| 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
APPLICABLE FACILITIES: All Ceilume Facilities
CERTIFICATE URL:
https://spot.ulprospector.com/en/na/BuiltEnvironment/search?k=ceilume+-sustainable&st=1

ISSUE DATE:2000-01-01 EXPIRY DATE: **Renewed Annually** CERTIFIER OR LAB: UL Environment

CERTIFICATION AND COMPLIANCE NOTES:

**MULTI-ATTRIBUTE** **IAPMO-UES Report 310**

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: All.
CERTIFICATE URL:
http://www.iapmoes.org/Documents/ER_0310.pdf

ISSUE DATE:2013-11-12 EXPIRY DATE: 2023-11-30 CERTIFIER OR LAB: IAPMO-Uniform Evaluation Service

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:

When installing Ceilume products with adhesives, use a product with low VOC emissions such as Ceilume's Ceiling Tile Adhesive.

### 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 manufacturer 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 Classi cation and Labeling of Chemicals Safety Data Sheet

#### Hazard Types

**AQU** Aquatic toxicity
**CAN** Cancer
**DEV** Developmental toxicity
**END** Endocrine activity
**EYE** Eye irritation/corrosivity
**GEN** Gene mutation
**GLO** Global warming
**MAM** Mammalian/systemic/organ toxicity
**MUL** Multiple hazards
**NEU** Neurotoxicity
**OZO** Ozone depletion
**PBT** Persistent Bioaccumulative Toxic
**PHY** Physical Hazard (reactive)
**REP** Reproductive toxicity
**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)
**LT-P1** List Translator Possible Benchmark 1
**LT-1** List Translator Likely Benchmark 1
**LT-UNK** List Translator Benchmark Unknown (insufficient information

**BM-1** Benchmark 1 (avoid - chemical of high concern)
**BM-U** Benchmark Unspeci ed (insu cient 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 produc

**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.*