

CLASSIFICATION: 09 51 00 Acoustical Ceilings

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Vogl Acoustic Design Panels are perforated gypsum board that meet the highest demands on performance and aesthetics for interior design. Such ceiling and wall systems serve as noise absorbers, allow ventilation, and at the same time offer beautiful aesthetics in public areas. Vogl Acoustic Design Panels are installed and finished with extreme precision, allowing designer acoustic ceiling and wall systems to be achieved quickly, economically and with the most reliability during installation for guaranteed results. Also includes CSI MasterFormat 09 20 00: Plaster and Gypsum Board.

## Section 1: Summary

## Nested 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

Residuals/Impurities Considered in 3 of 3 Materials

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**

PERFORATED GYPSUM BOARD [ CALCIUM SULFATE DIHYDRATE (CALCIUM SULFATE DIHYDRATE) **LT-UNK** CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE) **NoGS** STARCH (STARCH) **LT-UNK** POLYETHYLENE TEREPHTHALATE (PET) (POLYETHYLENE TEREPHTHALATE (PET)) **LT-UNK** SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) (SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)) **LT-UNK** | CAN ] ACOUSTICAL FLEECE [ CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE) **NoGS** POLYETHYLENE (POLYETHYLENE) **LT-UNK** POLYPROPYLENE (POLYPROPYLENE) **LT-UNK** ] ADHESIVE [ WATER (WATER) **BM-4** CALCIUM CARBONATE (CALCIUM CARBONATE) **BM-3** POLYVINYL ACETATE (PVA) (POLYVINYL ACETATE (PVA)) **LT-UNK** ]

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

### INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

### 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: TÜV Rheinland LGA Products GmbH - Emission Testing  
Other: TÜV Rheinland LGA Products GmbH - Tested for Contaminants

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2017-11-03

PUBLISHED DATE: 2017-11-03

EXPIRY DATE: 2020-11-03

## 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)

### PERFORATED GYPSUM BOARD

%: 98.5000 - 99.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present in this material at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML). Direct testing of Vogl Acoustic Design Panel (finished product) confirms that the various heavy metals, polycyclic aromatic hydrocarbons, formaldehyde and other VOCs tested fall well below the Inventory Threshold indicated (TÜV Rheinland LGA Products GmbH).

OTHER MATERIAL NOTES: Vogl Acoustical Design Panel consists of a perforated gypsum panel with attached acoustical fleece. Percent by weight of substances reported as range in order to account for variations due to multiple suppliers.

### CALCIUM SULFATE DIHYDRATE (CALCIUM SULFATE DIHYDRATE)

ID: 10101-41-4

%: 91.0000 - 96.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Core Substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

### CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE)

ID: 9004-34-6

%: 3.0000 - 6.0000

GS: NoGS

RC: None

NANO: No

ROLE: Panel Facer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

### STARCH (STARCH)

ID: 9005-25-8

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

**POLYETHYLENE TEREPHTHALATE (PET) (POLYETHYLENE TEREPHTHALATE (PET))**

ID: 25038-59-9

#: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: No ROLE: Panel Veil

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

SUBSTANCE NOTES:

**SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) (SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS))**

ID: 65997-17-3

#: 0.0000 - 1.0000 GS: LT-UNK RC: None NANO: No ROLE: Core Strength

HAZARDS: AGENCY(IES) WITH WARNINGS:  
CANCER EU - R-phrases R40 - Limited Evidence of Carcinogenic Effects  
CANCER EU - GHS (H-Statements) H351 - Suspected of causing cancer

SUBSTANCE NOTES: "Glass Fibers" identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

**ACOUSTICAL FLEECE**

#: 0.5000 - 1.0000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier SDS and as predicted by process chemistry (Pharos CML). Direct testing of Vogl Acoustic Design Panel (finished product) confirms that the various heavy metals, polycyclic aromatic hydrocarbons, formaldehyde and other VOCs tested fall well below the Inventory Threshold indicated (TÜV Rheinland LGA Products GmbH).

OTHER MATERIAL NOTES: Acoustical Fleece is attached to the back of the perforated panels.

**CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE)**

ID: 9004-34-6

#: 43.0000 GS: NoGS RC: None NANO: No ROLE: Substrate

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

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

**POLYETHYLENE (POLYETHYLENE)**

ID: 9002-88-4

#: 31.0000 GS: LT-UNK RC: None NANO: No ROLE: Substrate

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**POLYPROPYLENE (POLYPROPYLENE)**

ID: 9003-07-0

#: 25.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Thermoplastic Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

**ADHESIVE**

#: 0.1000 - 0.5000

HPD URL:

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier supplier SDS and as predicted by process chemistry (Pharos CML). Direct testing of Vogl Acoustic Design Panel (finished product) confirms that the various heavy metals, polycyclic aromatic hydrocarbons, formaldehyde and other VOCs tested fall well below the Inventory Threshold indicated (TÜV Rheinland LGA Products GmbH).

OTHER MATERIAL NOTES: Adhesive attaches Acoustical Fleece to the back of the perforated panels.

**WATER (WATER)**

ID: 7732-18-5

#: 45.0000

GS: BM-4

RC: None

NANO: No

ROLE: Solvent, Diluent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**CALCIUM CARBONATE (CALCIUM CARBONATE)**

ID: 471-34-1

#: 30.0000

GS: BM-3

RC: None

NANO: No

ROLE: Filler, Extender

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List (Green Circle - Verified Low Concern).

**POLYVINYL ACETATE (PVA) (POLYVINYL ACETATE (PVA))**

ID: 9003-20-7

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

## Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

### VOC EMISSIONS

#### TÜV Rheinland LGA Products GmbH - Emission Testing

CERTIFYING PARTY: Self-declared  
 APPLICABLE FACILITIES: Industries. 10, 91448 Emskirchen, Germany  
 CERTIFICATE URL:

ISSUE DATE: 2015-02-09  
 EXPIRY DATE:  
 CERTIFIER OR LAB: TÜV Rheinland

CERTIFICATION AND COMPLIANCE NOTES: Test Report No. 21229368001. LGA - Tested for Harmful Substances. Requirements fulfilled for all substances tested, including formaldehyde, CMR Substances (Carc. 1A, Carc. 1B, Muta. 1B, Repr. 1A, Repr. 1B), TVOC, and TSVOC.

### OTHER

#### TÜV Rheinland LGA Products GmbH - Tested for Contaminants

CERTIFYING PARTY: Third Party  
 APPLICABLE FACILITIES: Industries. 10, 91448 Emskirchen, Germany  
 CERTIFICATE URL:

ISSUE DATE: 2014-03-17  
 EXPIRY DATE: 2019-03-16  
 CERTIFIER OR LAB: TÜV Rheinland

CERTIFICATION AND COMPLIANCE NOTES: Certificate No. 600916750001. Test Report No. 21210771001. Certifies that Vogl Deckensysteme GmbH is testing and monitoring its products Vogl Acoustic Design Panels for harmful substances in accordance with the requirements of certification related to TÜV Rheinland LGA Products GmbH - Emission Testing.

## 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.*

### INSTALLATION HARDWARE

HPD URL: No HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:  
 Installation of Vogl Acoustic Design Panels. See product literature for details.

## Section 5: General Notes

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **Pyrok, Inc.**  
ADDRESS: **121 Sunset Road**  
**Mamaroneck NY 10543, USA**  
WEBSITE: **www.pyrok.com**

CONTACT NAME: **Howard Podolsky**  
TITLE: **Owner**  
PHONE: **914-777-7070**  
EMAIL: **howard@pyrok.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 from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

### 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

*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.*