# PABCO® FLAME CURB® Type C by PABCO Gypsum

**Health Product Declaration v2.1**

CLASSIFICATION: 09 29 00 Finishes: Gypsum Board

created via: HPDC Online Builder

PRODUCT DESCRIPTION: PABCO® FLAME CURB® Type C gypsum panel product is composed of an enhanced fire-resistant gypsum core surfaced with 100% recycled paper bonded to the proprietary core. This product is easily scored and snapped and is designed for direct mechanical attachment to metal or wood framing members. This product is intended for commercial and residential interior walls and ceilings and is suitable for decorating. Type C gypsum panels are appropriate for assemblies requiring an extended fire resistance.

## 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

PABCO® FLAME CURB® TYPE C [ CALCIUM SULFATE DIHYDRATE (CALCIUM SULFATE DIHYDRATE) LT-UNK VERMICULITE (VERMICULITE) NoGS CELLULOSE PULP (CELLULOSE PULP) NoGS GLASS FIBER LT-UNK | CAN STARCH (STARCH) LT-UNK DEXTROSE LT-UNK ]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-UNK
Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

### 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: CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

#### 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: 2017-10-16
PUBLISHED DATE: 2017-12-19
EXPIRY DATE: 2020-10-16

# 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*

## PABCO® FLAME CURB® TYPE C

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Raw material obtained from naturally occurring gypsum mineral may contain crystalline silica. Refer to the product SDS for more on the content of silica. The amount of silica that can be reduced to respirable is dependent on many factors and testing has shown that the cut and score method does not produce respirable silica above OSHA Permissible Exposure Limit (PEL).

OTHER PRODUCT NOTES:

### CALCIUM SULFATE DIHYDRATE (CALCIUM SULFATE DIHYDRATE)

ID: **10101-41-4**

%: **85.0000 - 95.0000** GS: **LT-UNK** RC: **PreC** NANO: **No** ROLE: **Core Substrate**

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

SUBSTANCE NOTES: Naturally occurring gypsum mineral and recycled Ca(SO4) ◦ 2H2O

### VERMICULITE (VERMICULITE)

ID: **1318-00-9**

%: **5.0000 - 7.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Improve Fire Resistance**

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

SUBSTANCE NOTES: N/A

### CELLULOSE PULP (CELLULOSE PULP)

ID: **65996-61-4**

%: **3.0000 - 5.0000** GS: **NoGS** RC: **Both** NANO: **No** ROLE: **Core Encasing**

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

SUBSTANCE NOTES: 100% Recycled Paper

### GLASS FIBER

ID: 65997-17-3

%: **0.0000 - 0.4000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Core Strengthening**

| 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: N/A

### STARCH (STARCH)

ID: 9005-25-8

%: **0.0000 - 0.4000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Core Adhesive**

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

SUBSTANCE NOTES: N/A

### DEXTROSE

ID: 9004-53-9

%: **0.0000 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Drying Additive**

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

SUBSTANCE NOTES: N/A

## 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** **CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario**

CERTIFYING PARTY: Third Party

ISSUE DATE:2016-07-07

EXPIRY DATE:

CERTIFIER OR LAB: Berkeley Analytical

APPLICABLE FACILITIES: Berkeley Analytical, 815 Harbour Way South, Suite 6 Richmond, CA 94804 510-236-2325 www.berkeleyanalytical.com

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

## 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.*

### FRAMING MEMBERS

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Framing material, i.e. wood or steel, shall be selected per building codes, fire design, or acoustical design as specified in the Basis of Design (BOD).

### FASTENERS

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Fasteners, i.e. nail or screw, shall be selected per building codes, fire design, or acoustical design as specified in the Basis of Design (BOD).

### JOINT TAPING

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Joint taping shall be used in gypsum board finishing per Level of Finish as specified in the Basis of Design (BOD).

### JOINT COMPOUND

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Joint compound shall be used in gypsum board finishing per Level of Finish as specified in the Basis of Design (BOD).

## Section 5: General Notes

## Section 6: References

### MANUFACTURER INFORMATION


MANUFACTURER: **PABCO Gypsum**

ADDRESS: **PO Box 364329**
**North Las Vegas Nevada 89036, United States**

WEBSITE: **https://www.pabcogypsum.com/**

CONTACT NAME: **Deborah Callaway**

TITLE: **Technical Services Manager--Gypsum**

PHONE: **8662829298**

EMAIL: **deborah.callaway@pabcogypsum.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)
**BM-1** Benchmark 1 (avoid - chemical of high concern)
**BM-U** Benchmark Unspeci ed (insu cient data to benchmark)
**LT-P1** List Translator Possible Benchmark 1
**LT-1** List Translator Likely Benchmark 1
**LT-UNK** List Translator Benchmark Unknown (insufficient information 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.*