PABCO FLEX(TM) by PABCO Gypsum

Health Product Declaration v2.2 created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 21106
CLASSIFICATION: 09 29 00 Finishes: Gypsum Board
PRODUCT DESCRIPTION: PABCO FLEX(TM) gypsum panels are manufactured for concave and convex surfaces on walls and ceilings. The naturally noncombustible and dimensionally stable, non-fire-resistance rated core is encased in 100% recycled moisture, mold, and mildew resistant paper.

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
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

All Substances Above the Threshold Indicated Are:
- Characterized
- Yes Ex/SC
- Yes
- No

% weight and role provided for all substances.

Screened
- Yes Ex/SC
- Yes
- No

All substances screened using Priority Hazard Lists with results disclosed.

Identified
- Yes Ex/SC
- Yes
- No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/or one or more Special Conditions did not follow guidance.

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 FLEX(TM) | CALCIUM SULFATE DIHYDRATE LT-UNK | PULP, CELLULOSE | NoGS | STARCH LT-UNK | DEXTRIN LT-UNK | UNDISCLOSED NoGS | UNDISCLOSED NoGS | QUARTZ LT-1 | CAN |

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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #: 

SCREENING DATE: 2020-07-24
PUBLISHED DATE: 2020-07-24
EXPIRY DATE: 2023-07-24
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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

PABCO FLEX(TM)

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. 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

ID: 10101-41-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-07-24
%: 85.0000 - 95.0000
GS: LT-UNK
RC: Both
NANO: No
SUBSTANCE ROLE: Structure component

None found

SUBSTANCE NOTES: Main core substrate

PULP, CELLULOSE

ID: 65996-61-4
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-07-24
%: 8.0000 - 12.0000
GS: NoGS
RC: Both
NANO: No
SUBSTANCE ROLE: Structure component

None found

SUBSTANCE NOTES: Core Encasing

STARCH

ID: 9005-25-8
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-07-24
%: 0.0000 - 1.0000
GS: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Structure component
<table>
<thead>
<tr>
<th>Substance Notes</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>SUBSTANCE ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Adhesive</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-07-24</td>
<td>0.0000 - 1.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Desiccant</td>
</tr>
<tr>
<td>Drying Additive</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-07-24</td>
<td>0.0000 - 0.5000</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Tensile strength additive</td>
</tr>
<tr>
<td>Additive used to improve core strength</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-07-24</td>
<td>0.0000 - 0.5000</td>
<td>NoGS</td>
<td>UNK</td>
<td>No</td>
<td>Biocide</td>
</tr>
<tr>
<td>Additive to prevent mold or mildew growth</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-07-24</td>
<td>Impurity/Residual</td>
<td>LT-1</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
</tr>
</tbody>
</table>

### Core Adhesive

**ID:** 9004-53-9

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-07-24

%: 0.0000 - 1.0000

**GS:** LT-UNK

**RC:** None

**NANO:** No

**SUBSTANCE ROLE:** Desiccant

**WARNINGS:** None found

No warnings found on HPD Priority Hazard Lists

### Drying Additive

**ID:** UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-07-24

%: 0.0000 - 0.5000

**GS:** NoGS

**RC:** None

**NANO:** No

**SUBSTANCE ROLE:** Tensile strength additive

**WARNINGS:** None found

No warnings found on HPD Priority Hazard Lists

### Additive used to improve core strength

**ID:** UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-07-24

%: 0.0000 - 0.5000

**GS:** NoGS

**RC:** UNK

**NANO:** No

**SUBSTANCE ROLE:** Biocide

**WARNINGS:** None found

No warnings found on HPD Priority Hazard Lists

### Additive to prevent mold or mildew growth

**ID:** UNDISCLOSED

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-07-24

%: 0.0000 - 0.5000

**GS:** NoGS

**RC:** UNK

**NANO:** No

**SUBSTANCE ROLE:** Biocide

**WARNINGS:** None found

No warnings found on HPD Priority Hazard Lists

### Impurity/Residual

**ID:** QUARTZ

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-07-24

%: Impurity/Residual

**GS:** LT-1

**RC:** None

**NANO:** No

**SUBSTANCE ROLE:** Impurity/Residual
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - New Zealand</td>
<td>6.7A - Known or presumed human carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
<td>H350i - May cause cancer by inhalation</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Raw material obtained from naturally occurring gypsum mineral may contain crystalline silica.
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**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Berkeley Analytical, 815 Harbour Way South, Suite 6 Richmond, CA 94804 510-236-2325 <a href="http://www.berkeleyanalytical.com">www.berkeleyanalytical.com</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2018-10-19</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Berkeley Analytical</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td></td>
</tr>
</tbody>
</table>

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**

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 TAPE**

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
MANUFACTURER INFORMATION

MANUFACTURER: PABCO Gypsum
ADDRESS: PO Box 364329
North Las Vegas NV 89036, United States
WEBSITE: www.pabcogypsum.com

CONTACT NAME: Deborah Callaway
TITLE: Technical Services Manager--Gypsum
PHONE: 702-956-2413
EMAIL: deborah.callaway@pabcogypsum.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types
AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
LAN Land toxicity
MAM Mammalian/systemic/organ toxicity
MUL Multiple
NEU Neurotoxicity
NF Not found on Priority Hazard Lists
OZO Ozone depletion
PBT Persistent, bioaccumulative, and toxic
PHY Physical hazard (flammable or reactive)
REP Reproductive
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
UNK Unknown

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 Unspecified (due to insufficient data)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
NoGS No GreenScreen.

Recycled Types
PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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.