PABCORE® Shaftliner
by PABCO Gypsum

CLASSIFICATION: 09 29 00 Finishes: Gypsum Board

PRODUCT DESCRIPTION: PABCORE® Shaftliner panels and PABCORE® MOLD CURB® PLUS Shaftliner panels are 1” gypsum panel products manufactured with a proprietary fire-resistant Type X core which has been reinforced with specialty additives to increase its fire-resistance. This core is encased in 100% recycled water-resistant face and back paper, and features a double beveled edge for ease of installation. PABCORE® MOLD CURB® PLUS is engineered with a proprietary mold and water-resistant chemistry to provide the most enhanced mold and water-resistant protection available in gypsum panel products. Both PABCORE® Products are designed for lining elevator, ventilation, and utility shafts as well as stairwell systems and area separation walls. PABCORE® Panels are key components in PABCO® Shaftwall/Stairwell and Area Separation Fire Wall (ASFW) Systems utilizing C-H, C-T Studs or H-Studs. These easy to erect systems provide superior sound attenuation in addition to one or two-hour fire-resistance ratings.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold Disclosed Per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>Material</td>
</tr>
<tr>
<td>Basic Method</td>
<td>Product</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>Considered</td>
</tr>
<tr>
<td>1,000 ppm</td>
<td>Partially Considered</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>Not Considered</td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

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

All substances disclosed by Name (Specific or Generic) and Identifier.

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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PABCORE® SHAFTLINER</td>
<td>CALCIUM SULFATE DIHYDRATE</td>
<td>LT-UNK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CELLOULOSE PULP</td>
<td>NoGS</td>
<td>PARAFFIN</td>
<td>LT-UNK</td>
<td>VERMICULITE</td>
</tr>
<tr>
<td>DEXTROSE</td>
<td>LT-UNK</td>
<td>STARCH</td>
<td>LT-UNK</td>
<td>GLASS FIBER</td>
</tr>
</tbody>
</table>

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

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Residential scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-12-28

PUBLISHED DATE: 2019-01-07

EXPIRY DATE: 2021-12-28
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)

### PABCORE® SHAFTLINER

**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

**ID:** 10101-41-4

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-28

<table>
<thead>
<tr>
<th>%: 85.0000 - 95.0000</th>
<th>GS: LT-UNK</th>
<th>RC: PreC</th>
<th>NANO: No</th>
<th>ROLE: Core Substrate</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

**SUBSTANCE NOTES:** Naturally occurring gypsum mineral and recycled Ca(SO$_4$)$_2$$\cdot$2H$_2$O

### CELLULOSE PULP

**ID:** 65996-61-4

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-28

<table>
<thead>
<tr>
<th>%: 3.0000 - 5.0000</th>
<th>GS: NoGS</th>
<th>RC: Both</th>
<th>NANO: No</th>
<th>ROLE: Core Encasing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
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</tbody>
</table>

**SUBSTANCE NOTES:** 100% Recycled Paper

### PARAFFIN

**ID:** 8002-74-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2018-12-28

<table>
<thead>
<tr>
<th>%: 2.0000 - 4.0000</th>
<th>GS: LT-UNK</th>
<th>RC: UNK</th>
<th>NANO: No</th>
<th>ROLE: Water Repellent</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substance</td>
<td>Id</td>
<td>Hazards Screened Method</td>
</tr>
<tr>
<td>-----------</td>
<td>----</td>
<td>-------------------------</td>
</tr>
<tr>
<td>Vermiculite</td>
<td>1318-00-9</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>Dextrose</td>
<td>9004-53-9</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>Glass Fiber</td>
<td>65997-17-3</td>
<td>Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td>Dextrose</td>
<td>9004-53-9</td>
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</table>
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 V1.2 (Section 01350/CHPS) - Residential scenario

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: PABCO Gypsum 8000 E Lake Mead Blvd. Las Vegas, NV 89115 United States
CERTIFICATE URL:

ISSUE DATE: 2018-10-19
EXPIRY DATE:
CERTIFIER OR LAB: Berkeley Analytical

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.

STEEL FRAMING

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
Steel J-Track and C-H, C-T Studs or H-Studs shall be selected per building codes, fire design, or acoustical design as specified in the Basis of Design (BOD).

Section 5: General 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.
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: 866-282-9298
EMAIL: deborah.callaway@pabcogypsum.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

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
PHY Physical Hazard (reactive)
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GHS Hazard Types

END Endocrine activity
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity

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 (insufficient data to benchmark)

GreenScreen List Translator

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 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.