

HPD UNIQUE IDENTIFIER: 70568489984  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 09 21 00 Plaster and Gypsum Board Assemblies  
PRODUCT TYPE: Solid Sheets, Gypsum Board, Fiber  
PRODUCT DESCRIPTION: This HPD covers G-Board Fire Resistant gypsum board that consists of natural gypsum core with value added additives encased in strong paper liners. It is suitable for areas where fire protection is needed.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                              |                                                |                                                                            |
|----------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------|
| Inventory Reporting Format<br>→ Basic Method | Residuals/Impurities Evaluation<br>→ Completed | For all contents above the threshold, the manufacturer has:                |
| Threshold Disclosed Per<br>→ Product         | Explanation(s) provided :<br>Yes               | Characterized<br>Provided weight and role.<br>Yes                          |
| Threshold Level<br>→ 1,000 ppm               |                                                | Screened<br>Provided screening results using HPDC-approved methods.<br>Yes |
|                                              |                                                | Identified<br>Provided name and CAS RN or other identifier.<br>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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
G-BOARD FR [ CALCIUM SULFATE DIHYDRATE LT-UNK | MAM  
KRAFT PAPER NoGS STARCH (PRIMARY CASRN IS 9005-25-8) NoGS  
CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK ]

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:  
  
This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 3.0, and discloses any possible hazards associated with all substances present at or above (1000 ppm) in the finished product, along with the role and percent weight. Therefore, this HPD qualifies for LEED v4.1 MR credit: Building Product Disclosure and Optimization - Material Ingredients & LEED v5 - Human Health 1

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.  
VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario  
LCA: Environmental Product Declaration (EPD) by NSF

CONSISTENCY WITH OTHER PROGRAMS  
Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.  
Pre-checked for LEED v5 Human Health 1.

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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

G-BOARD FR

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: All substances/products with values at or exceeding the threshold (1000 ppm) were examined for content.

OTHER PRODUCT NOTES: G-board FR is a premium quality Fire Resistant gypsum board.

CALCIUM SULFATE DIHYDRATEID: 10101-41-4

HAZARD DATA SOURCE:Pharos Chemical and Materials LibraryHAZARD SCREENING DATE:2026-04-20 3:54:40

%:93.9000 - 94.2000GreenScreen:LT-UNKRC:NoneNANO:NoSUBSTANCE ROLE:Structure component

HAZARD TYPELIST NAME AND SOURCEWARNINGS

MAMGHS - JapanH335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]

ADDITIONAL LISTINGSLIST NAME AND SOURCENOTIFICATION

None foundNo listings found on Additional Hazard Lists

SUBSTANCE NOTES:

KRAFT PAPERID: Not registered

HAZARD DATA SOURCE:Pharos Chemical and Materials LibraryHAZARD SCREENING DATE:2026-04-20 3:54:40

%:4.8000 - 4.9000GreenScreen:NoGSRCC:NoneNANO:NoSUBSTANCE ROLE:Binder

HAZARD TYPELIST NAME AND SOURCEWARNINGS

None foundNo warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGSLIST NAME AND SOURCENOTIFICATION

None foundNo listings found on Additional Hazard Lists

SUBSTANCE NOTES:

STARCH (PRIMARY CASRN IS 9005-25-8)ID: 2075820-73-2

HAZARD DATA SOURCE:Pharos Chemical and Materials LibraryHAZARD SCREENING DATE:2026-04-20 3:54:41

G-Board FRHPD v3.0 created via HPDC Builder Page 2 of 5

%: **0.6000 - 0.7000**

GreenScreen: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Binder**

| HAZARD TYPE         | LIST NAME AND SOURCE                         | WARNINGS                                                                                  |
|---------------------|----------------------------------------------|-------------------------------------------------------------------------------------------|
| None found          |                                              | No warnings found on HPD Priority Hazard Lists                                            |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION                                                                              |
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex IV listing due to intrinsic safety |
| SUBSTANCE NOTES:    |                                              |                                                                                           |

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-04-20 3:54:41**

%: **0.0000 - 0.1000**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                       |
|---------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| None found          |                                                         | No warnings found on HPD Priority Hazard Lists                                                                                 |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                   |
| EXEMPT              | European Union / European Commission (EU EC)            | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety                                       |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Cosmetics & Personal Care Products |
| SUBSTANCE NOTES:    |                                                         |                                                                                                                                |

### Section 3: 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) - Classroom & Office scenario |                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|
| COMPLIANCE TYPE: Third-party certification<br>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Intertek<br>COMPLIANCE DETAILS:<br>COMPLIANCE SCOPE:<br>APPLICABLE FACILITIES: Plasterboard, G-board FR<br>COMPLIANCE URL: <a href="https://www.intertek.com/">https://www.intertek.com/</a><br>COMPLIANCE NOTES: Certified Clean Air Gold. Certificate Number: CA-80247-2026a | ISSUE DATE: 2026-03-23                                                       | EXPIRY DATE: 2027-02-19 |

| LCA                                                                                                                                                                                                                                                                                                                                              | Environmental Product Declaration (EPD) by NSF |                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------|
| COMPLIANCE TYPE: Third-party certification<br>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: NSF<br>COMPLIANCE DETAILS:<br>COMPLIANCE SCOPE:<br>APPLICABLE FACILITIES: Gypsum Plasterboard, G-board FR<br>COMPLIANCE URL: <a href="https://www.nsf.org/">https://www.nsf.org/</a><br>COMPLIANCE NOTES: Environmental Product Declaration for G-board FR | ISSUE DATE: 2021-11-19                         | EXPIRY DATE: 2026-11-19 |

### 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.*

No accessories are required for this product.

### Section 5: General Notes

The content differences between the plasterboards covered by this HPD account for less than 10% of the total mass of each plasterboard.

## MANUFACTURER INFORMATION

MANUFACTURER: **BEAM Consolidated**  
ADDRESS: **Yanbu industrial City, Light industrial Area, Al Razi**  
**Street, Road 10**  
**Yanbu Al Sinayiah, Al Madinah 46459**  
COUNTRY: **Saudi Arabia**

WEBSITE: **www.beam.world**  
CONTACT NAME: **Omar Abu Holy**  
TITLE: **Head of Specifications**  
PHONE: **0597320699**  
EMAIL: **omar.holy@beam.world**

*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

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <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>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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 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.*