

# 5/8" FireBloc® Type X Gypsum Wallboard by American Gypsum Company LLC

# Health Product Declaration v2.1

CLASSIFICATION: 09 29 00 Finishes: Gypsum Board

created via: HPDC Online Builder

PRODUCT DESCRIPTION: This HPD covers 5/8" FireBloc® Type X Gypsum Wallboard. This wallboard panel is the preferred product in the industry due to its consistently high quality standards, and is used as a covering material for interior walls and ceilings in residential and commercial applications that often require specific fire rated assemblies. It is designed for direct attachment by screws, nails or adhesive to wood or metal framing and even existing surfaces.

## 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**

**FIREBLOC® TYPE C GYPSUM WALLBOARD** [ **GYPSUM** **LT-UNK** ]  
**CELLULOSE** **NoGS** **UNDISCLOSED** **NoGS** **STARCH** **NoGS** **GLASS FIBER** **LT-UNK** | **CAN** ]

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:

All material ingredients evaluated at the 1000 ppm threshold for the product. All ingredients in excess of the threshold are reported.

### 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 content: UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

#### Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2018-02-12  
PUBLISHED DATE: 2018-02-16  
EXPIRY DATE: 2021-02-12

## 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)

### FIREBLOC® TYPE C GYPSUM WALLBOARD

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All items with values exceeding thresholds were examined for content

OTHER PRODUCT NOTES: American Gypsum Type X panels are intended for use as an interior substrate for walls and ceilings and are intended to receive a final decorative finish.

#### GYPSUM

ID: 13397-24-5

#: 90.0000 - 96.0000 GS: LT-UNK RC: None NANO: No ROLE: Core of product

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Gypsum is a naturally occurring ore or a specially manufactured product of coal combustion

#### CELLULOSE

ID: 9004-34-6

#: 3.9000 - 4.2000 GS: NoGS RC: Both NANO: No ROLE: Product Facer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: All residuals and impurities evaluated to product threshold levels

#### UNDISCLOSED

#: 3.7000 - 4.9500 GS: NoGS RC: None NANO: No ROLE: Core Strength, Fire Retardant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Naturally occurring material used as a core additive

#### STARCH

ID: 905-25-8

#: 0.6250 - 1.2000

GS: NoGS

RC: None

NANO: No

ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Starch is produced from corn, milo, wheat or other natural grains

### GLASS FIBER

ID: 65997-17-3

#: 0.4510 - 0.6500

GS: LT-UNK

RC: None

NANO: No

ROLE: Core Binder, Fire resistance

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: All residuals and impurities evaluated to product threshold levels

## 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 CONTENT

#### UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

CERTIFYING PARTY: Third Party

ISSUE DATE: 2009-

EXPIRY DATE: 2018-

CERTIFIER OR LAB: Underwriters

APPLICABLE FACILITIES: All manufacturing facilities are certified for this product

04-25

04-25

Laboratories Greenguard

CERTIFICATE URL:

<https://industries.ul.com/environment/certificationvalidation-marks/greenguard-certification-program>

CERTIFICATION AND COMPLIANCE NOTES: UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings CERTIFICATE NUMBER 6562-420 for 5/8 Inch Exterior Soffit Gypsum Board Type X CERTIFICATE NUMBER 6560-420

## 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

Residuals and impurities are considered in any ingredients exceeding product threshold values as stated in material notes. The residuals or impurities occurring within materials exceeding the product threshold value did not meet the threshold level for reporting.

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **American Gypsum Company LLC**

ADDRESS: **3811 Turtle Creek Boulevard  
Suite 1200**

**Dallas TX 75219, USA**

WEBSITE: <http://www.americangypsum.com/>

CONTACT NAME: **Bob Ek**

TITLE: **Director of Systems Development and Technical Services**

PHONE: **1-800-545-6302 ext. 5607**

EMAIL: [bob.ek@americangypsum.com](mailto:bob.ek@americangypsum.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

**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 Unspecified (insufficient 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

**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.*