

CLASSIFICATION: 09 29 00 Finishes: Gypsum Board

PRODUCT DESCRIPTION: This HPD cover American Gypsum's 1" Gypsum Shaft Liner Panel that consist of a fire-resistant type X gypsum core that is encased in a moisture resistant, 100 percent recycled green face and back paper. These panels are used in conjunction with other American Gypsum products and metal framing members for Shaftwall and Area Separation Wall systems.

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

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 Condition 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

1" SHAFT LINER [GYPSUM LT-UNK CELLULOSE, MICROCRYSTALLINE NoGS UNDISCLOSED NoGS STARCH LT-UNK 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:

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. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

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: GreenGuard - Gold (previously Children & Schools)
VOC emissions: UL 2818-2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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: 2018-07-12

PUBLISHED DATE: 2019-01-29

EXPIRY DATE: 2021-07-12



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

1" SHAFT LINER

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 1" Shaft Liner Panels are intended as an interior substrate

GYPSUM

ID: 13397-24-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-07-12

#: 89.0000 - 92.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Core of Product

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-07-12

#: 2.5000 - 3.0000

GS: NoGS

RC: Both

NANO: No

ROLE: Product Facer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: All residuals and impurities evaluated to threshold levels

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-07-12

#: 1.0000 - 1.7000

GS: NoGS

RC: None

NANO: No

ROLE: Core Strength, Fire Retardant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: Naturally occurring material used as a core additive

STARCH

ID: 9005-25-8

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

HAZARD SCREENING DATE: **2018-07-12**

#: **0.6250 - 1.2000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

GLASS FIBER

ID: 65997-17-3

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

HAZARD SCREENING DATE: **2018-07-12**

#: **0.3400 - 0.6500**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Core Binder, Fire Resistance**

HAZARD TYPE

AGENCY AND LIST TITLES

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 EMISSIONS

GreenGuard - Gold (previously Children & Schools)

CERTIFYING PARTY: Third Party	ISSUE DATE: 2009-	EXPIRY DATE: 2019-	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All manufacturing facilities	04-25	04-24	Environment
CERTIFICATE URL: http://greenguard.org/en/index.aspx			
CERTIFICATION AND COMPLIANCE NOTES:			

VOC EMISSIONS

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

CERTIFYING PARTY: Third Party	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
APPLICABLE FACILITIES: All manufacturing facilities are certified for this product	2009-04-25	2019-04-24	Underwriter Laboratory 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 6564-420 for Shaft Liner Panels			

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 levels did not meet the threshold level for reporting.



MANUFACTURER INFORMATION

MANUFACTURER: **American Gypsum Company LLC**

ADDRESS: **5960 Berkshire Lane**

Suite 800

Dallas TX 75225, USA

WEBSITE: **http://www.americangypsum.com/**

CONTACT NAME: **Bob Ek**

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

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

EMAIL: **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

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.