

CLASSIFICATION: 09 29 00

PRODUCT DESCRIPTION: THIS HPD IS FOR RESCOM INTERNAL & EXTERNAL WALL LININGS IN 4MM, 6MM, 8MM, 10MM, 12MM, 14MM, 16MM, 18MM, AND 20MM PANEL THICKNESSES WITH AN APPROXIMATE DENSITY OF 0.95 TO 1.40G/CM3. RESCOM WALLBOARD IS APPROVED FOR RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL BUILDING AND CONSTRUCTION; PARTITION WALLS; INTERNAL AND EXTERNAL SHEATHING; COMMON FINISHES; DECORATIVE FINISHES, SUSPENDED AND ACOUSTICAL CEILINGS; XPS/EPS SANDWICH PANELS; BARGE BOARDS; AND FIRE SEPARATION PANELS. THE STANDARD PRODUCTION FINISH IS SMOOTH ON ONE SIDE WITH A BACKER OR SAND FINISH ON THE OTHER SIDE. EXCLUDED FROM THIS HOD ARE ANY DECORATIVE FINISHES APPLIED TO THE PANELS AS MANUFACTURED OR OTHERWISE. SUCH EXCLUDED FINISHES INCLUDE WOOD VENEER, WOOD GRAIN PAPER VENEER, PLASTIC FILM OR PVC, ADHESIVES, OR ANY APPLIED COATINGS USED TO TREAT THE PANELS FOR WATER IMPERMEABILITY OR UV RESISTANCE.

Section 1: Summary

CONTENT INVENTORY

<p>Threshold per material</p> <ul style="list-style-type: none"> <input type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input checked="" type="radio"/> Per OSHA MSDS <input type="radio"/> Other 	<p>Residuals and impurities considered in 0 of 2 materials</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> see Section 2: Material Notes <input checked="" type="radio"/> see Section 5: General Notes 	<p>Based on the selected Content Inventory Threshold:</p> <p>Characterized..... <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Are the Percent Weight and Role provided for all substances?</p> <p>Screened..... <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Are all substances screened using Priority Hazard Lists with results disclosed?</p> <p>Identified..... <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Are all substances disclosed by Name (Specific or Generic) and Identifier?</p>
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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.

Number of Greenscreen BM-4/BM3 contents..... 3
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-P1
 Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

RESCOM WALLBOARD INTERNAL & EXTERNAL WALL LININGS [PERLITE **LT-UNK** PERLITE POWDER **Ca** CALCIUM CARBONATE **BM-3** CELLULOSE, MICROCRYSTALLINE **NoGS** WATER **BM-4** MAGNESIUM HYDROXIDE **BM-3** MAGNESIUM CHLORIDE **LT-P1** | END SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN] WATER REPELLANT ADDITIVE [ZEOLITE **LT-UNK** SODIUM ALUMINOSILICATE **LT-UNK** ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL **LT-UNK**]

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory in order to protect the pending patent #2015901114. All ingredients were screened, with the highest composition by percentages appearing on the US EPA Safer Chemical Ingredient List. This HPD was completed in accordance with the HPD Standard 2.0 and discloses hazards associated with all substances present in the finished product. Therefore, this HPD qualifies for the LEED v4 MR Credit: Building 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

VOC emissions: Low Emitting Material- Compliance with CDPH/EHLB/Standard Method V1.1

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: March 29, 2017	EXPIRY DATE*: March 29, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: March 30, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

RESCOM WALLBOARD INTERNAL & EXTERNAL WALL LININGS %: 0.0000 HPD URL:

Inventory Threshold: Per OSHA MSDS

Residuals Considered: No

Material Notes:

PERLITE

ID: 93763-70-3

%: 0.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List: <https://www.epa.gov/saferchoice/safer-ingredients#pop93763703>

PERLITE POWDER

ID: 130885-09-5

%: 0.0000

GS:

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance does not appear on any HPD Priority Lists

CALCIUM CARBONATE

ID: 471-34-1

%: 0.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

%: 0.0000

GS: NoGS

RC: None

NANO: NO

ROLE: Improves Core Strength

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical List: <https://www.epa.gov/saferchoice/safer-ingredients#pop9004346>**WATER**

ID: 7732-18-5

%: 0.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Dilutant

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Drying process drives all water out of the finished product.

MAGNESIUM HYDROXIDE

ID: 1309-42-8

%: 0.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Core Substrate

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List: <https://www.epa.gov/saferchoice/safer-ingredients#pop1309428>**MAGNESIUM CHLORIDE**

ID: 7786-30-3

%: 0.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Additive

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: Identified on the US EPA safer ingredient list: <https://www.epa.gov/saferchoice/safer-ingredients#pop7786303>**SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

ID: 65997-17-3

%: 0.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Improves Core Strength

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List: <https://www.epa.gov/saferchoice/safer-ingredients#pop65997173> Percentage of material varies by product category

WATER REPELLANT ADDITIVE

#: 0.0000

HPD URL:

Inventory Threshold: Per OSHA MSDS

Residuals Considered: No

Material Notes: This additive is present in the product category "ResCom High Strength, High Moisture Resistant Panel" and "ResCom High Strength High Impact Panel"

ZEOLITE

ID: 1318-02-1

#: 0.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical List

SODIUM ALUMINOSILICATE

ID: 1344-00-9

#: 0.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Additive

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL

ID: 25213-24-5

#: 0.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemicals List



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

Low Emitting Material- Compliance with CDPH/EHLB/Standard Method V1.1

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All manufacturing facilities

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: The product sample was tested for emissions of VOCs following California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. The chamber test results were modeled to one or more scenario(s) defined in Standard Method V1.1. The modeled indoor VOC concentrations then were compared to the acceptance criteria defined in Standard Method V1.1 to determine compliance of the product sample to the standard. The modeling scenario was CDPH/EHLB/Standard Method V1.1 Standard Classroom & Office with a TVOC of ? 0.5 mg/m3. USGBC's LEED v4 rating systems for buildings includes a requirement for reporting of the predicted TVOC concentration and qualifying as a low emitting material must be a TVOC of ? 0.5 mg/m3. This material qualifies as a low-emitting material.

ISSUE

DATE:

0000-00-

00

EXPIRY

DATE:

0000-00-

00

CERTIFIER

OR LAB:

Intertek

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.

Section 5: General Notes



MANUFACTURER INFORMATION

MANUFACTURER: MgO Corp America LLC

CONTACT NAME: Steve Marskell

ADDRESS: 3 Allen Street
Moffat Beach , Queensland 4551
Australia

TITLE: Owner

PHONE: +19543789388

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EMAIL: steve@mgoboard.com.au

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

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.