

HPD UNIQUE IDENTIFIER: 1537709056
CLASSIFICATION: 09 20 00 Plaster and Gypsum Board
PRODUCT DESCRIPTION: Mada Plus Plasterboards are the lightweight solution for most standard internal wall and ceiling applications. This HPD of Mada plus plasterboards covers several varieties of materials including Mada Plus Regular Plasterboard, Mada Plus Moisture Resistant Plasterboard, Mada Plus Fire Resistant Plasterboard, Mada Plus Fire & Moisture Resistant Plasterboard, Mada Plus Impact Resistant Plasterboard, Mada ProGuard Glass Mat Sheathing Board.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
☐ Nested Materials Method	☐ 100 ppm	☒ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☒ 1,000 ppm	☐ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☒ Yes ☐ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	Identified ☒ Yes ☐ No
			<i>Provided name and CAS RN or other identifier.</i>

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
MADA PLUS PLASTERBOARDS [CALCIUM SULFATE HEMIHYDRATE
LT-UNK CELLULOSE, MICROCRYSTALLINE LT-UNK CELLULOSE,
MICROCRYSTALLINE LT-UNK VERMICULITE NoGS
POLY(METHYLHYDROSILOXANE) NoGS 2-NAPHTHALENESULFONIC
ACID, POLYMER WITH FORMALDEHYDE, SODIUM SALT LT-P1 | PBT
FIBERGLASS LT-UNK STARCH, OXIDIZED, POLYMER WITH
ACRYLAMIDE NoGS CALCIUM SULFATE DIHYDRATE LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.3, 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.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2023-03-23
☐ Yes	VERIFIER:	PUBLISHED DATE: 2023-10-30
☒ No	VERIFICATION #:	EXPIRY DATE: 2026-03-23

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

MADA PLUS PLASTERBOARDS

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

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of LT-UNK, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).

OTHER PRODUCT NOTES: This HPD is being used to describe a series of products that are generally similar in content but differ in the percentages of some ingredients. The maximum range accounts for the difference in these ingredients and alternate suppliers.

CALCIUM SULFATE HEMIHYDRATE ID: 10034-76-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:14:24		
%: 92.0000 - 93.0000	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		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:					

CELLULOSE, MICROCRYSTALLINE ID: 9004-34-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:14:25		
%: 2.0000 - 2.1030	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating	
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		
			Exempted from REACH Annex IV listing due to intrinsic safety		
SUBSTANCE NOTES:					

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:14:25	
%: 1.5000 - 1.5750	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Coating
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 Exempted from REACH Annex IV listing due to intrinsic safety		
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:14:26	
%: 1.0000 - 1.0540	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:14:26	
%: 0.6000 - 0.6320	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Water resistance
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:14:25	
%: 0.5000 - 0.5480	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PBT	EC - CEPA DSL		Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

FIBERGLASS

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:30:54	
%: 0.5000 - 0.5310	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
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	
			Exempted from REACH Annex V listing due to intrinsic safety	
SUBSTANCE NOTES:				

STARCH, OXIDIZED, POLYMER WITH ACRYLAMIDE

ID: 68071-41-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-03-23 0:40:53		
%: 0.4000 - 0.4130	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Dedusting
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

CALCIUM SULFATE DIHYDRATE

ID: 10101_41_4

CALCIUM SULFATE DIHYDRATE

ID: 10101-41-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-03-23 0:41:54	
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HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

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) - Classroom & Office scenario	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: MADA GYPSUM COMPANY P.O.Box 31542 Yanbu 51000 Saudi Arabia CERTIFICATE URL: https://sustainabilitydirectory.intertek.com/images/certificates/19c9e909-5caa-47e8-8501-2c014dd945c7_CA-71325-2023a.pdf	ISSUE DATE: 2023-02-24 EXPIRY DATE: 2023-10-04	CERTIFIER OR LAB: Intertek Testing Services NA, Inc.
CERTIFICATION AND COMPLIANCE NOTES: Intertek does hereby certify that an independent assessment has been conducted on behalf of MADA GYPSUM COMPANY, with Certificate Number: CA-71325-2023a. Certification covers the following models: Mada Fire & Moisture Resistant Plasterboard, Mada Moisture Resistant Plasterboard, Mada Plus Fire Resistant Plasterboard, Mada Plus Impact Resistant Plasterboard, Mada Plus Moisture Resistant Plasterboard, Mada Plus Regular Plasterboard. Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method v1.2: School Classroom.		

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.

MADA ALL-PURPOSE JOINTING COMPOUND MANUFACTURER (OR GENERIC): MADA GYPSUM
HPD URL: No HPD available ACCESSORY TYPE: Adhesive CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Mada All-Purpose Jointing Compound uses a Calcium Carbonate-based, non-asbestos formulation, with acrylic polymers and other additives to provide excellent crack free jointing and bonding, and improved workability over other jointing compound formulas.
MADA SCREWS MANUFACTURER (OR GENERIC): ACKU METAL INDUSTRIES
HPD URL: No HPD Available ACCESSORY TYPE: Fastner CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Mada Metal Profiles are precision-engineered, high-quality steel sections that are used to form the metal substructure of Mada Drywall Systems. All metal sections are produced from high-grade hot dip galvanized steel coils with the cold rolled forming process, providing maximum protection against corrosion. Mada Metal Profiles are specially designed to work and perform together with Mada gypsum boards and accessories to create complete, tested and certified systems. They come in a wide range of sizes and options allowing designers to find solutions that exactly match their requirements.
MADA FIBER JOINT TAPE MANUFACTURER (OR GENERIC): Easy Drywall
HPD URL: No HPD available ACCESSORY TYPE: Installation Accessory CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Composed of fiber glass woven fiber for reinforcing drywall joints and eliminating the need for embedding coat. It is a self-adhesive tape made from fiberglass mesh and fine fibers. Its unique cross-fiber construction resists stretching to prevent cracking in drywall joints.
MADA FIRE GUARD SILICONE SEALANT MANUFACTURER (OR GENERIC): Al Muqarram Industries

HPD URL: No HPD available

ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Mada Fire Guard – Fire and Acoustic Silicone Sealant is a single component, neutral cure, gun-grade fire stopping sealant. It is an elastomeric, high-performance sealant capable of meeting the joint movement requirements in a fire-rated joints.

Section 5: General Notes

The present HPD study contains different variants of plaster boards which includes Mada Plus Regular Plasterboard, Mada Plus Moisture Resistant Plasterboard, Mada Plus Fire Resistant Plasterboard, Mada Fire & Moisture Resistant Plasterboard, Mada Plus Impact Resistant Plasterboard, Mada ProGuard Glass Mat Sheathing Board. All the plaster boards variants having different thickness and are the lightweight solution for most standard internal wall and ceiling applications.

Environmental Product Declaration (EPD) for the product Plaster boards is available on the International EPD system website (environdec) on the name of Mada Plaster boards under construction products section.

The information in this HPD is based on information provided by Mada Gypsum Company and its vendors as of the date of this HPD. In this regard, Materials ingredients information is based upon the details provided by our suppliers.

MANUFACTURER INFORMATION

MANUFACTURER: Mada Gypsum Company
ADDRESS: Ibn Rushd St. Intersect 5th St. Light Industrial Zone
P.O Box: 31542 Yanbu Al-Sinayah 51000 KSA
Yanbu Industria City, Al Madinal Province 51000
COUNTRY: Saudi Arabia

WEBSITE: www.madagypsum.com
CONTACT NAME: Rahaf Alhaidi
TITLE: Marketing Coordinator
PHONE: + 966 56 221 7056
EMAIL: rahaf.alhaidi@madagypsum.com

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

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U 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, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

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

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

