

CLASSIFICATION: 09 29 00 Gypsum Board

PRODUCT DESCRIPTION: This HPD covers the following plasterboards: 15mm Gyproc DuraLine, 15mm Gyproc DuraLine MR (Moisture Resistant), 15mm Gyproc DuraLine M2TECH Activ'Air, 15mm Gyproc DuraLine M2TECH and 15mm Gyproc DuraLine Activ'Air. Gyproc DuraLine consists of an aerated gypsum core with glass fiber and other additives encased in strong paper liners. It is suitable for drylining internal surfaces and provides greater impact resistance in heavy and severe use areas. Gyproc DuraLine MR (Moisture Resistant) also contains water repellent additives which make it suitable where moisture protection is required. M2TECH technology is recommended where enhanced mold and moisture resistance is required. Activ'Air technology actively improves indoor air quality by removing formaldehyde circulating indoors.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

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](#)

GYPROC DURALINE / DURALINE MR (MOISTURE RESISTANT) / DURALINE M2TECH ACTIV'AIR / DURALINE M2TECH / DURALINE ACTIV'AIR | CALCIUM SULFATE DIHYDRATE [LT-UNK](#) CELLULOSE PULP [NoGS](#) SILICA FUME [LT-P1](#) | CAN STARCH [LT-UNK](#) FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT [LT-UNK](#) CALCIUM CARBONATE [BM-3](#) QUARTZ [LT-1](#) | CAN POLY(METHYLHYDROSILOXANE) [NoGS](#) UNDISCLOSED [LT-P1](#) | [MUL](#)]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The name of one substance has been hidden for intellectual property reasons.

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

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-09-23

PUBLISHED DATE: 2019-09-23

EXPIRY DATE: 2022-09-23

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 2.1.1, available on the HPDC website at www.hpd-collaborative.org/hpd-2-1-1-standard

GYPROC DURALINE / DURALINE MR (MOISTURE RESISTANT) / DURALINE M2TECH ACTIV'AIR / DURALINE M2TECH / DURALINE ACTIV'AIR

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are considered and noted when the concentration is above the disclosure threshold. Naturally occurring impurities in the gypsum are evaluated by the manufacturer through chemical analyses.

OTHER PRODUCT NOTES:

CALCIUM SULFATE DIHYDRATE

ID: 10101-41-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 85.00 - 95.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Core board

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

CELLULOSE PULP

ID: 65996-61-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 1.00 - 5.00

GS: NoGS

RC: Both

NANO: No

ROLE: Fibre in paper facing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Recycled fibres

SILICA FUME

ID: 69012-64-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 0.50 - 1.50

GS: LT-P1

RC: None

NANO: No

ROLE: Fire resistance

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

GHS - Australia

H350i - May cause cancer by inhalation

SUBSTANCE NOTES:

STARCH

ID: 9005-25-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 0.10 - 1.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder in core board and paper facing

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-23

#: 0.10 - 0.50

GS: LT-UNK

RC: None

NANO: No

ROLE: Panel strength

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
%: 0.10 - 1.00	GS: BM-3	RC: None	NANO: No	ROLE: Filler in paper facing
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
%: Impurity/Residual	GS: LT-1	RC: None	NANO: No	ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources		
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)		
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man		
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens		
CANCER	GHS - Australia	H350i - May cause cancer by inhalation		
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]		
SUBSTANCE NOTES: Naturally occurring impurity in gypsum.				

POLY(METHYLHYDROSILOXANE)

ID: 63148-57-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
%: 0.00 - 1.00	GS: NoGS	RC: None	NANO: No	ROLE: Moisture resistance
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: wecmefpezjggke,,ffffefffffff				

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-23		
%: 0.00 - 0.15	GS: LT-P1	RC: None	NANO: No	ROLE: Biocide
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: The substance has been hidden for intellectual property reasons.				

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

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-02-21**

EXPIRY DATE: **2020-02-20**

CERTIFIER OR LAB: **Intertek Testing Services NA, Inc.**

APPLICABLE FACILITIES: **Saint-Gobain Gyproc Emirates Industries LLC**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Certified Clean Air Gold. Certificate number: 103762884GRR-001a**

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.

ACCESSORIES

HPD URL: <https://www.gyproc.ae>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Plasterboards are part of a system including numerous accessories with assembly variations depending on the project requirements. To get the exhaustive list of accessories please contact Gyproc technical team.

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: **Saint Gobain**
 ADDRESS: **Saint-Gobain Gyproc Emirates Industries L.L.C**
ICAD 1, Mussafah
Abu Dhabi P.O. Box. 38983, United Arab Emirates
 WEBSITE: **www.gyproc.ae**

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 TITLE: **Specification Manager**
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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)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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.