

HPD UNIQUE IDENTIFIER: 1635399680

CLASSIFICATION: 09 29 00 Gypsum Board

PRODUCT DESCRIPTION: Gold Bond® XP® Gypsum Board was designed to provide extra protection against mold and mildew compared to standard gypsum board products. The face paper is folded around the long edges to reinforce and protect the core, and the ends are square-cut and finished. Scores and snaps easily, with no special handling requirements, and features GridMarX guide marks on the board to allow for faster and more accurate installation. This HPD covers 1/2" Gold Bond® XP® Gypsum Board. National Gypsum Company is the exclusive service provider for products manufactured by Gold Bond Building Products, LLC; PermaBASE Building Products, LLC; and ProForm Finishing Products, LLC.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	
☒ Nested Materials Method	☒ 100 ppm	Completed in 2 of 2 Materials	<i>For all contents above the threshold, the manufacturer has:</i>
☐ Basic Method	☐ 1,000 ppm		Characterized ☒ Yes ☐ No
Threshold Disclosed Per		Explanation(s) provided for Residuals/Impurities?	<i>Provided weight and role.</i>
☐ Material	☐ Per GHS SDS		Screened ☒ Yes ☐ No
☒ Product	☐ Other	☒ Yes ☐ No	<i>Provided screening results using HPDC-approved methods.</i>
			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.

NESTED MATERIAL | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY*

GREENSCREEN SCORE | HAZARD TYPE

GYPSUM CORE [**GYPSUM** BM-3dg] MAM **STARCH** LT-UNK **PARAFFIN** LT-UNK] MAM **SILOXANES AND SILICONES, DI-ME, POLYMERS WITH 3-MERCAPTOPROPYL SILSESQUIOXANES** LT-UNK **POTASSIUM SULFATE** LT-UNK **POLIGNATE SODIUM** LT-UNK **DEXTROSE** BM-3 **SODIUM POLYNAPHTHALENESULFONATE** LT-P1] PBT **SILANETRIOL, 1-METHYL-, POTASSIUM SALT** LT-UNK **METAPHOSPHORIC ACID (H3P3O9), TRISODIUM SALT** LT-UNK **BORIC ACID** LT-1] END | DEV | REP | MUL | MAM | EYE | SKI **PORTLAND CEMENT** LT-P1] CAN | END | MAM **MONTAN WAX** LT-UNK **POLYVINYL ALCOHOL** LT-UNK **GLASS / MINERAL FIBER** LT-UNK **POLY(OXY-1,2-ETHANEDIYL), ALPHA-SULFO-OMEGA-HYDROXY-, C8-10-ALKYL ETHERS, AMMONIUM SALTS** LT-UNK **POLY(OXY-1,2-ETHANEDIYL), ALPHA-SULFO-OMEGA-HYDROXY-, C9-11-ALKYL ETHERS, SODIUM SALTS** NoGS **GLYCERIN** LT-UNK **PROTEIN HYDROLYSATE** NoGS **SODIUM SULFATE ANHYDROUS** LT-UNK] MAM] **PAPER FACING** [**RECYCLED PAPER STARCH** NoGS **2,5-FURANDIONE, DIHYDRO-, MONO-C15-20-ALKENYL DERIVS.** LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [BiologicalMaterial]

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 100 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: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

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

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

GYPSUM CORE		%: 92.5000 - 95.0000	
PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Geologically Derived Material	
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 BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).			
OTHER MATERIAL NOTES: Percent by weight of material and substances reported as ranges to account for possible formulation variations between manufacturing facilities.			

GYPSUM				ID: 13397-24-5	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:19		
%: 92.5000 - 99.5000	GreenScreen: BM-3dg	RC: PreC	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-3dg was provided by the HPD Builder Tool. The use of pre-consumer recycled content gypsum, or FGD gypsum, in this product varies by manufacturing location. Please contact manufacturer if more information is required.					

STARCH				ID: 65996-63-6	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:19		
%: 0.2000 - 1.4000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder	
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:

PARAFFIN				ID: 8002-74-2	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:19		
%: 0.0000 - 0.9000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Water resistance	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.					

SILOXANES AND SILICONES, DI-ME, POLYMERS WITH 3-MERCAPTOPROPYL SILSESQUIOXANES				ID: 108775-26-4	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:19		
%: 0.0000 - 0.8000	GreenScreen: LT-UNK	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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.					

POTASSIUM SULFATE				ID: 7778-80-5	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:20		
%: 0.0000 - 0.6000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Accelerator	
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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.

POLIGNATE SODIUM

ID: 8061-51-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-06-27 11:04:19

%: 0.0000 - 0.5000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Dispersant

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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.

DEXTROSE

ID: 50-99-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-06-27 11:04:19

%: 0.0500 - 0.5000 GreenScreen: BM-3 RC: None NANO: No SUBSTANCE ROLE: Processing regulator

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: GreenScreen Benchmark® assessment score of BM-3 was provided by the HPD Builder Tool.

SODIUM POLYNAPHTHALENESULFONATE

ID: 9084-06-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-06-27 11:04:19

%: 0.0000 - 0.3000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Dispersant

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
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2024 Red List substances to avoid in Living Building Challenge V4.0 projects
SUBSTANCE NOTES: Declare Program Exception available for this substance: RL-009b Formaldehyde. GREENGUARD Gold Certification confirms that emissions levels in the final product comply with the thresholds required by Declare 2.0. Suppliers confirm free formaldehyde present at less than 0.05% in the dispersant product, which equates to less than 0.001% in the gypsum core. May also include CASRN 37293-74-6. Substance not used in all manufacturing plants; please contact manufacturer if more information is required.		

SILANETRIOL, 1-METHYL-, POTASSIUM SALT

ID: 31795-24-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-06-27 11:04:20		
%: 0.0000 - 0.3000	GreenScreen: LT-UNK	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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.				

METAPHOSPHORIC ACID (H3P3O9), TRISODIUM SALT

ID: 7785-84-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-06-27 11:04:22		
%: 0.0000 - 0.2000	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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.				

BORIC ACID

ID: 10043-35-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-06-27 11:04:20
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HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	MAK	Pregnancy Risk Group B
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
END	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
REP	EU - GHS (H-Statements) Annex 6 Table 3-1	H360FD - May damage fertility. May damage the unborn child [Reproductive toxicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
REP	GHS - New Zealand	Reproductive toxicity category 2
REP	EU - SVHC List	Toxic to reproduction - Candidate list
REP	EU - SVHC List	Toxic to reproduction - Prioritized for listing
REP	EU - REACH Annex XVII CMRs	Reproductive toxicants: Category 1B

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
SUBSTANCE NOTES: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.		

PORTLAND CEMENT

ID: **65997-15-1**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:22	
%: 0.0000 - 0.2000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Buffer
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.				

MONTAN WAX

ID: **8002-53-7**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-06-27 11:04:22
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%: 0.0000 - 0.2000GreenScreen: LT-UNKRC: NoneNANO: NoSUBSTANCE 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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.		

POLYVINYL ALCOHOLID: 9002-89-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:23	
%: 0.0000 - 0.2000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.				

GLASS / MINERAL FIBRID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:23	
%: 0.0000 - 0.2000	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	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions	
			Exempted from REACH Annex V listing due to intrinsic safety	
SUBSTANCE NOTES: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.				

POLY(OXY-1,2-ETHANEDIYL), ALPHA-SULFO-OMEGA-HYDROXY-, C8-10-ALKYL ETHERS, AMMONIUM SALTSID: 68891-29-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2024-06-27 11:04:22
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%: 0.0000 - 0.1000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Surfactant		
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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.		

POLY(OXY-1,2-ETHANEDIYL), ALPHA-SULFO-OMEGA-HYDROXY-, C9-11-ALKYL ETHERS, SODIUM SALTS

ID: 96130-61-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:22		
%: 0.0000 - 0.0600		GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.					

GLYCERIN

ID: 56-81-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:23		
%: 0.0000 - 0.0600	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List		
			Some Solvents		
SUBSTANCE NOTES: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.					

PROTEIN HYDROLYSATE

ID: 9015-54-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:23		
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%: 0.0000 - 0.0200 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Processing regulator		
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: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.		

SODIUM SULFATE ANHYDROUS

ID: 7757-82-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:23		
%: 0.0000 - 0.0200	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Accelerator	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	GHS - Japan		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance not used in all manufacturing plants; please contact manufacturer if more information is required.					

PAPER FACING		%: 5.0000 - 7.5000	
PRODUCT THRESHOLD: 100 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Paper or Cardboard
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 BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier disclosures and as predicted by process chemistry (Pharos CML).			
OTHER MATERIAL NOTES: Percent by weight of material and substances reported as ranges to account for possible formulation variations between manufacturing facilities.			

RECYCLED PAPER

ID: Biological Material

HAZARD DATA SOURCE: HPDC Special Conditions Policy				
%: 98.4000 - 99.1000	GreenScreen: Not Required	RC: PostC	NANO: No	MATERIAL ROLE: Structure component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
Hazard Screening is not applicable to this Special Condition				
BIOLOGICAL MATERIALS CATEGORY: Tree-based materials				
INGREDIENT DESCRIPTION: 65996-61-4				

MATERIAL CONTENT NOTES: 100% of our gypsum board face and back paper is produced with post-consumer recycled content. The company’s three paper mills produce paper from discarded cardboard and magazines.

This disclosure does not provide information on allergens, hyper-accumulation of metals, production of any toxic substances during normal metabolic activities, pesticides, and other potential hazards or sources of hazards which may be found in certain biological materials.

STARCH

ID: 9005-25-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:23	
%: 0.2000 - 0.5000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
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:				

2,5-FURANDIONE, DIHYDRO-, MONO-C15-20-ALKENYL DERIVS.

ID: 68784-12-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-06-27 11:04:22	
%: 0.2000 - 0.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Sizing agent
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	UL/GreenGuard Gold Certified	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2008-12-31 00:00:00	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All facilities that manufacture Gold Bond® XP® Gypsum Board.	EXPIRY DATE: 2024-12-28 00:00:00	Environment
CERTIFICATE URL: http://tinyurl.com/devy8bew		
CERTIFICATION AND COMPLIANCE NOTES: Certificate Number: 5888-420. UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.		

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.

PAPER JOINT TAPE PER ASTM C475 MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD Available ACCESSORY TYPE: Installation Accessory CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Finish gypsum board with either paper tape and ready mix joint compound; or fiberglass mesh or paper tape and setting compound. Refer to paper joint tape manufacturer for HPD information.
READY MIX JOINT COMPOUNDS PER ASTM C475 MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD Available ACCESSORY TYPE: Installation Accessory CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Finish gypsum board with either paper tape and ready mix joint compound, fiberglass mesh, or paper tape and setting compound. Refer to ready mix joint compound manufacturer for HPD information.
SETTING TYPE JOINT COMPOUNDS PER ASTM C475 MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD Available ACCESSORY TYPE: Installation Accessory CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Finish gypsum board with either paper tape and ready mix joint compound, fiberglass mesh, or paper tape and setting compound. Refer to setting type compound manufacturer for HPD information.

Section 5: General Notes

MANUFACTURER INFORMATION

MANUFACTURER: **Gold Bond Building Products, LLC provided by National Gypsum Company**
ADDRESS: **2001 Rexford Road**
Charlotte, NC 28211
COUNTRY: **USA**

WEBSITE: **<https://www.goldbondbuilding.com>**
CONTACT NAME: **Amy Hockett**
TITLE: **Manager - Architectural Services & Sustainability**
PHONE: **704-365-7931**
EMAIL: **AmyH@NationalGypsum.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 HPD and

