CertainTeed Type C Gypsum Board by Saint Gobain

Health Product Declaration v2.3

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 107962674176 CLASSIFICATION: 09 29 00 Gypsum Board PRODUCT TYPE: Type C (Gypsum Board)

PRODUCT DESCRIPTION: This HPD covers the following CertainTeed 1/2" Type C, 5/8" Type C, 5/8" Veneer Plaster Base Type C, 5/8" Exterior Soffit Type C. Type C gypsum boards are fire resistant gypsum boards, designed to meet fire resistance ratings, when used in tested fire resistant assemblies. Manufactured at Buchanan, NY, Silver Grove, KY, Palatka, FL, Moundsville, WV, Seattle, WA, Nashville, AR, Las Vegas, NV, Carrollton, KY, and Roxboro,



Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- C Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold Level

- C 1,000 ppm
- C Per GHS SDS
- Other

Residuals/Impurities Evaluation

Completed in 3 of 3 Materials

Explanation(s) provided for Residuals/Impurities?

Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized

Yes ○ No

Provided weight and role.

Screened

⊙ Yes ○ No

Provided screening results using HPDC-approved

methods.

Identified Yes ○ No

Provided name and CAS RN or other identifier.

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 BOARD TYPE C [CALCIUM SULFATE DIHYDRATE LT-UNK | MAM QUARTZ BM-1 | CAN | MAM | GEN VERMICULITE NoGS FIBERGLASS LT-UNK SILICA FUME LT-P1 | CAN | MAM OXIDIZED CORN STARCH LT-UNK 2-NAPHTHALENESULFONIC ACID, POLYMER WITH FORMALDEHYDE, SODIUM SALT LT-P1 | PBT ACID MODIFIED, CORN STARCH LT-UNK SODIUM POLYNAPTHALENESULFONATE LT-P1 | PBT PROTEIN HYDROLYSATE NoGS POTASSIUM SULFATE LT-UNK NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, CALCIUM SALT LT-P1 GLUCOSE BM-3 SODIUM SULFATE ANHYDROUS LT-UNK | MAM PENTASODIUM PENTETATE LT-1 | REP | MUL | DEV | EYE | AQU SUCROSE LT-P1 | END] PAPER FACING TYPE C GYPSUM BOARD [PULP, CELLULOSE NoGS STARCH NoGS (3-CHLORO-2-HYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE MODIFIED STARCH LT-UNK | MUL] PAPER BACKING TYPE C GYPSUM BOARD [PULP, CELLULOSE NoGS STARCH NoGS STARCH, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER, CHLORIDE LT-UNK | MUL]

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

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

BM-1, LT-P1, LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All materials have been screened through the HPD tool. All residuals and impurities have been considered and noted when applicable.

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 VOC emissions: UL/GreenGuard Gold Certified VOC emissions: UL/GreenGuard Gold Certified VOC emissions: UL/GreenGuard Gold Certified

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Third Party Verified?

Yes

⊙ No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2024-10-10 PUBLISHED DATE: 2024-10-17 EXPIRY DATE: 2027-10-10

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

GYPSUM CORE BOARD TYPE %: 95.5000 - 98.5000 C

PRODUCT THRESHOLD: 100

RESIDUALS AND IMPURITIES EVALUATION

MATERIAL TYPE: Other: Gypsum Core Board

COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Naturally occurring impurities and residuals in the gypsum are evaluated through quality checks, data is available at the manufacturing locations.

OTHER MATERIAL NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thickness as well as ranges from alternate raw material suppliers.

CALCIUM SULFATE DIHYDRATE

ID: 10101-41-4

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZA	ARD SCREENING DATE: 2024-10-10 9:19:20
%: 91.0000 - 95.5000	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		•	ause respiratory irritation [Specific target - Single exposure - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	NO
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thickness as well as ranges from alternate raw material suppliers.

QUARTZ ID: 14808-60-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-10 9:19:21 %: 0.0000 - 5.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
CAN	GHS - New Zealand	Carcinogenicity category 1
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
GEN	GHS - Japan	H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Quartz is a naturally occurring impurity within the Gypsum rock. The potential hazards/exposure is mainly in the manufacturing environment. CertainTeed has conducted installation Industrial Hygiene testing and the quartz content is not respirable and it is well below the OSHA PEL.

VERMICULITE				ID: 1318-00-9
HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	у	HAZARI	D SCREENING DATE: 2024-10-10 9:19:21
%: 0.0000 - 3.5000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Flame retardant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No w	varnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
---------------------	----------------------	--------------	--

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thicknesses as well as ranges from alternate suppliers.

FIBERGLASS ID: 65997-17-3

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	ary	HAZA	RD SCREENING DATE: 2024-10-10 9:19:22
%: 0.0000 - 1.5000	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		NOTIFICATIO	DN
EXEMPT	European Union / European (EC)	Commission (EU	EU - REACH	Exemptions
	LO)		Exempted fro safety	m REACH Annex V listing due to intrinsic

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thicknesses as well as ranges from alternative suppliers.

AZARD DATA SOURCE: Ph	aros Chemical and Materials Library	1	HAZA	ARD SCREENING DATE:	2024-10-10 9:19:22
5: 0.0000 - 1.5000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: St	ructure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	GHS - Australia		H350i - May Category 1A	cause cancer by inhalation or 1B]	[Carcinogenicity -
MAM	GHS - Japan		=	cause respiratory irritation [-
MAM	GHS - Japan		repeated exp	es damage to organs throu osure [Specific target orga eated exposure - Category	ns/systemic toxicity
MAM	GHS - Australia		repeated exp	es damage to organs throu osure [Specific target orga osure - Category 1]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ON	

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thicknesses as well as ranges from alternate suppliers.

OXIDIZED CORN STARCH ID: 65996-62-5

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD S	SCREENING DATE: 2024-10-10 9:19:21
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thicknesses as well as ranges from alternate suppliers.

2-NAPHTHALENESULFONIC ACID, POLYMER WITH FORMALDEHYDE, SODIUM SALT

ID: 36290-04-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Librar	У	HAZARD	SCREENING DATE: 2024-10-10 9:19:22
%: 0.0000 - 0.5000	GreenScreen: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Dispersant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PBT	EC - CEPA DSL		Persistent, Bioac to humans	cumulative and inherently Toxic (PBiTH)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			N	o listings found on Additional Hazard Lists

SUBSTANCE NOTES: The percentage of the raw materials is due to the family of products that are represented within this HPD as well as the various manufacturing locations and suppliers of the raw materials.

ACID MODIFIED, CORN STARCH

ID: **65996-63-6**

HAZARD DATA SOURCE	Pharos Chemical and Materials Librar	у	HAZARD S	SCREENING DATE: 2024-10-10 9:19:21
%: 0.0000 - 0.5000	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warı	nings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS LIST NAME AND SOURCE NOTIFICATION

None found No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The percentage of the raw materials is due to the family of products that are represented within this HPD as well as the various manufacturing locations and suppliers of the raw materials.

SODIUM POLYNAPTHALENESULFONATE

ID: 9084-06-4

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libr	ary	HAZA	ARD SCREENING DATE: 2024-10-10 9:19:22
%: 0.0000 - 0.1100	GreenScreen: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PBT	EC - CEPA DSL		Persistent, B	ioaccumulative and inherently Toxic (PBiTH)
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ON
RESTRICTED LIST	International Living Future In	stitute (ILFI)	J	ng Challenge 4.0 - Red List of Materials & Effective April 1, 2024
			Red List subs V4.0 projects	stances to avoid in Living Building Challenge

SUBSTANCE NOTES: Due to the potential human health impact of this material, R&D is actively working on a replacement for this raw material. Trials are on-going. The raw material range is based on content percent from a range of manufacturing locations and board thicknesses as well as ranges from alternate suppliers.

PROTEIN HYDROLYSATE ID: 9015-54-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	,	HAZARD S	SCREENING DATE: 2024-10-10 9:19:24
%: 0.0000 - 0.1000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: The percentage of the raw materials is due to the family of products that are represented within this HPD as well as the various manufacturing locations and suppliers of the raw materials.

POTASSIUM SULFATE ID: 7778-80-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-10 9:19:23

%: 0.0000 - 0.1000 GreenScreen: LT-UNK RC: UNK 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

NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, CALCIUM SALT

ID: 37293-74-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZA	ARD SCREENING DATE: 2024-10-10 9:19:23
%: 0.0000 - 0.1000	GreenScreen: LT-P1	RC: UNK	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	NC
RESTRICTED LIST	International Living Future Ins	titute (ILFI)	· ·	g Challenge 4.0 - Red List of Materials & Effective April 1, 2024
			Red List subs	stances to avoid in Living Building Challenge

SUBSTANCE NOTES: Due to the potential human health concerns with this material R&D is actively seeking alternatives and has made successful changes at some production sites. The raw material range is based on content percent from a range of manufacturing locations and board thickness as well as ranges from alternate suppliers.

GLUCOSE ID: 50-99-7

Pharos Chemical and Materials Lib	rary	HAZA	RD SCREENING DATE: 2024-10-10 9:19:23
GreenScreen: BM-3	RC: UNK	NANO: No	SUBSTANCE ROLE: Processing regulator
LIST NAME AND SOURCE		WARNINGS	
		No	warnings found on HPD Priority Hazard Lists
LIST NAME AND SOURCE		NOTIFICATIO	DN
'	Commission (EU	EU - REACH	Exemptions
,		Exempted fro safety	m REACH Annex IV listing due to intrinsic
	GreenScreen: BM-3 LIST NAME AND SOURCE LIST NAME AND SOURCE	LIST NAME AND SOURCE LIST NAME AND SOURCE European Union / European Commission (EU	GreenScreen: BM-3 LIST NAME AND SOURCE WARNINGS Note: UNK Note: UNK

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thicknesses as well as ranges from alternate suppliers.

SODIUM SULFATE ANHYDROUS ID: 7757-82-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	у	HAZA	ARD SCREENING DATE: 2024-10-10 9:19:25
%: 0.0000 - 0.0500	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
МАМ	GHS - Japan	àHS - Japan		es damage to organs [Specific target mic toxicity following single exposure -
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	NC
None found				No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The percentage of the raw materials is due to the family of products that are represented within this HPD as well as the various manufacturing locations and suppliers of the raw materials.

PENTASODIUM PENTETATE ID: 140-01-2

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZA	ARD SCREENING DATE: 2024-10-10 9:19:24
%: 0.0000 - 0.0200	GreenScreen: LT-1	RC: UNK	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
REP	EU - Annex VI CMRs		Reproductive	Toxicity - Category 1B
MUL	German FEA - Substances H Waters	azardous to	Class 3 - Severe Hazard to Waters	
DEV	EU - GHS (H-Statements) An	nex 6 Table 3-1	H360D - May damage the unborn child [Reproductive toxicity - Category 1A or 1B]	
EYE	GHS - New Zealand		Eye irritation category 2	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	ON
RESTRICTED LIST	Cradle to Cradle Products Inr (C2CPII)	novation Institute	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Children's Pro	oducts
RESTRICTED LIST	Cradle to Cradle Products Inr (C2CPII)	novation Institute		l v4.0 Product Standard Restricted List (RSL) - Effective July 1, 2022
			Formulated C	Consumer Products

SUBSTANCE NOTES: The potential risk with this raw material is only within the manufacturing process. Once the board is fully reacted and set the risk is no longer present. In the spirit of full transparency it is listed within the product but there is not risk in the use or end of life phase.

SUCROSE ID: 57-50-1

HAZARD DATA SOURCE: Ph	naros Chemical and Materials Libr	ary	HAZARD S	SCREENING DATE: 2024-10-10 9:19:25
%: 0.0000 - 0.0200	GreenScreen: LT-P1	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine I	Disruptors	Potential Endocrine	e Disruptor
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European EC)	Commission (EU	EU - REACH Exem	nptions
	20)		Exempted from RE safety	EACH Annex IV listing due to intrinsic

PAPER FACING TYPE C GYPSUM BOARD

%: 2.5000 - 5.7500

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED:

MATERIAL TYPE: Paper or

Cardboard

Yes

RESIDUALS AND IMPURITIES NOTES: Naturally occurring impurities and residuals in the paper are considered and evaluated through QA checks.

OTHER MATERIAL NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thickness as well as ranges from alternate suppliers.

PULP, CELLULOSE ID: 65996-61-4

HAZARD DATA SOURCE:	Pharos Chemical and Materials Libra	ary	HAZA	RD SCREENING DATE: 2024-10-10 9:19:24
%: 56.0000 - 90.0000	GreenScreen: NoGS	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		NOTIFICATIO	DN
EXEMPT	European Union / European (EC)	Commission (EU	EU - REACH Exemptions	
			Exempted from REACH Annex IV listing due to intrinsic safety	

SUBSTANCE NOTES: The information on the paper facing is derived from the manufacturer and the range of raw materials they have provided. Two substances are listed on this HPD for the cellulose content in the paper facing. These two substances are effectively interchangeable, but are different enough that the supplier identifies them with different CASRNs, leading to the large %weight range in these ingredients. This explanation is provided with the large range in accordance with the HPD Open Standard instructions.

STARCH ID: 9005-25-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2024-10-10 9:19:25

%: 7.0000 - 60.0000	GreenScreen: NoGS	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warn	ings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Co	mmission (EU	EU - REACH Exem	nptions
	EC)		Exempted from RE safety	ACH Annex IV listing due to intrinsic

(3-CHLORO-2-HYDROXYPROPYL)TRIMETHYLAMMONIUM CHLORIDE MODIFIED STARCH

ID: 56780-58-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD S	SCREENING DATE: 2024-10-10 9:19:25	
%: 0.5000 - 1.5000	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MUL	German FEA - Substances H Waters	German FEA - Substances Hazardous to Waters		Hazard to Waters
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists

SUBSTANCE NOTES: The information on the paper facing is derived from the manufacturer and the range of raw materials they have provided.

PAPER BACKING TYPE C GYPSUM %: 1.0000 - 2.5000

BOARD

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: MATERIAL TYPE: Paper or Yes Cardboard

RESIDUALS AND IMPURITIES NOTES: Naturally occurring impurities and residuals in the gypsum are evaluated through quality checks, data is available at the manufacturing locations.

OTHER MATERIAL NOTES: The raw material range is based on content percent from a range of manufacturing locations and board thickness as well as ranges from alternate suppliers.

PULP, CELLULOSE ID: 65996-61-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-10 9:19:26		
%: 76.5000 - 100.0000	GreenScreen: NoGS	RC: UNK	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 IV listing due to intrinsic safety

STARCH				ID: 9005-25-8
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library		HAZARD	SCREENING DATE: 2024-10-10 9:19:24
%: 7.5000 - 10.0000	GreenScreen: NoGS	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No war	nings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Con EC)	nmission (EU	EU - REACH Exer	mptions
	20)		Exempted from RI safety	EACH Annex IV listing due to intrinsic

SUBSTANCE NOTES: The percentage of the raw materials is due to the family of products that are represented within this HPD as well as the various manufacturing locations and suppliers of the raw materials.

${\bf STARCH, 2\text{-}HYDROXY\text{-}3\text{-}(TRIMETHYLAMMONIO)PROPYL\ ETHER,}\\ {\bf CHLORIDE}$

ID: 56780-58-6

HAZARD DATA SOURCE:	Pharos Chemical and Materials Lib	haros Chemical and Materials Library		SCREENING DATE: 2024-10-10 9:19:25	
%: 0.0000 - 2.5000	GreenScreen: LT-UNK	RC: UNK	NANO: No	SUBSTANCE ROLE: Binder	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MUL	German FEA - Substances H Waters	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No	listings found on Additional Hazard Lists	

SUBSTANCE NOTES: The percentage of the raw materials is due to the family of products that are represented within this HPD as well as the various manufacturing locations and suppliers of the raw materials.

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 APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://spot.ul.com/mainapp/products/detail/5ad1ea1a55b0e82d946a39ae? ISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00 CERTIFIER OR LAB: UL

page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES: CertainTeed Gypsum, Inc. 1/2 in Type C UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings Certificate Number 31007-420

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://spot.ul.com/mainapp/products/detail/64b6a9440e67e6dd01ad4fae? ISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00 CERTIFIER OR LAB: UL

page type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES: CertainTeed Gypsum, Inc. 5/8 in Type C UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings Certificate Number 31026-420

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://spot.ul.com/mainISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00 CERTIFIER OR LAB: UL

app/products/detail/5ad1ea0855b0e82d946a3354?

page_type=Products%20Catalog

page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES: CertainTeed Gypsum, Inc. CertainTeed® Type C Gypsum Board UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings Certificate 24757-420

VOC EMISSIONS

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://spot.ul.com/mainapp/products/detail/5ad1ea0855b0e82d946a3358?

ISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00 CERTIFIER OR LAB: UI

CERTIFICATION AND COMPLIANCE NOTES: CertainTeed Gypsum, Inc. CertainTeed® Veneer Plaster Base, Type X, and Type C Gypsum Boards UL 2818 - 2022 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings Certificate Number 24761-420

LCA

Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: This EPD is specific to the Moundsville manufacturing site for Type C 1/2" Gypsum

Board. To find other manufacturing sites' EPDs for the same product please follow the attached link:

https://www.certainteed.com/products/drywall-products/typec-drywall.

CERTIFICATE URL:

https://certainteed.widen.net/content/kkfcdaphxg/pdf/114.1epd-certainteed-gypsum-type-c-12-moundsville-wv.pdf? u=nwk4fd

ISSUE DATE: 2023-07-01 00:00:00 EXPIRY DATE: 2028-06-30 00:00:00 CERTIFIER OR LAB: UL

CERTIFICATION AND COMPLIANCE NOTES: UL Environmental 4790745506.114.1

ISSUE DATE: 2023-07-01 00:00:00

EXPIRY DATE: 2028-06-30 00:00:00

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: This EPD is specific to the Moundsville manufacturing site for Type C 5/8" Gypsum Board. To find other manufacturing sites' EPDs for the same

product please follow the attached link:

https://www.certainteed.com/products/drywall-products/type-

c-drywall.

CERTIFICATE URL:

https://certainteed.widen.net/content/dmfxmtw9ei/pdf/118.1epd-certainteed-gypsum-type-c-58-moundsville-wv.pdf?

CERTIFICATION AND COMPLIANCE NOTES: UL Environmental 4790745506.118.1

CERTIFIER OR LAB: UL



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

All CertainTeed Gypsum wallboard products should be handled and installed per the requirements of the manufacturers SDS. For complete Safety and EHS information on any and all CertainTeed Gypsum Products please see https://www.certainteed.com/drywall/. Additional Transparency documentation can be found at https://saintgobain.ecomedes.com/

MANUFACTURER INFORMATION

MANUFACTURER: Saint Gobain ADDRESS: 20 Moores Road

Malvern, PA 19355 COUNTRY: United States WEBSITE: https://www.certainteed.com/drywall/ CONTACT NAME: Gypsum Technical Services TITLE: Gypsum Marketing Technical Services

PHONE: 1-800-446-5284

 ${\sf EMAIL:}\ \textbf{gypsumtechical support@saint-gobain.com}$

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

CAN Cancer

DEV Developmental toxicity **END** Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple
NEU Neurotoxicity

NE Not for all and District

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1) **LT-UNK** List Translator Benchmark Unknown

NoGS No GreenScreen.

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

