

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, NC.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	
☒ Nested Materials Method	☒ 100 ppm	Completed in 3 of 3 Materials	<i>For all contents above the threshold, the manufacturer has:</i>
☐ Basic Method	☐ 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	Characterized ☒ Yes ☐ No
Threshold Disclosed Per	☐ Per GHS SDS		<i>Provided weight and role.</i>
☐ Material	☐ Other	☒ Yes ☐ No	Screened ☒ Yes ☐ No
☒ Product			<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 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 POLYNAPHTHALENESULFONATE 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

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 C %: 95.5000 - 98.5000

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Other: Gypsum Core Board Type C
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			HAZARD 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		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: 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 Library			HAZARD 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 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: 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 Library		HAZARD 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	NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety		

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.

SILICA FUME

ID: 69012-64-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-10-10 9:19:22		
%: 0.0000 - 1.5000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]		
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]		
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [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: 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 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 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: 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 Library			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, 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: 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 Library			HAZARD 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 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: 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 POLYNAPHTHALENESULFONATE

ID: 9084-06-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD 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, 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: 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 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 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: 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
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.		

NAPHTHALENESULFONIC ACID, FORMALDEHYDE POLYMER, CALCIUM SALT

ID: **37293-74-6**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD 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	
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: 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**

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-10-10 9:19:23	
%: 0.0000 - 0.1000	GreenScreen: BM-3	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	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions	
			Exempted from REACH Annex IV listing due to intrinsic safety	
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			HAZARD 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	
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: 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 Library			HAZARD 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 Hazardous to Waters	Class 3 - Severe Hazard to Waters		
DEV	EU - GHS (H-Statements) Annex 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 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	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 (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
		Formulated 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: Pharos Chemical and Materials Library			HAZARD 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 Disruptors	Potential Endocrine Disruptor		
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: 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.				

PAPER FACING TYPE C GYPSUM BOARD %: **2.5000 - 5.7500**

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Paper or Cardboard
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 Library			HAZARD 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		NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)		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 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: 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.					

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

ID: 56780-58-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD 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 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 information on the paper facing is derived from the manufacturer and the range of raw materials they have provided.					

PAPER BACKING TYPE C GYPSUM BOARD

%: 1.0000 - 2.5000

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

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.

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 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: 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.

STARCH, 2-HYDROXY-3-(TRIMETHYLAMMONIO)PROPYL ETHER, CHLORIDE

ID: 56780-58-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD 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 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.

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/main-app/products/detail/5ad1ea1a55b0e82d946a39ae?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	ISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00	CERTIFIER OR LAB: UL
VOC EMISSIONS	UL/GreenGuard Gold Certified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/64b6a9440e67e6dd01ad4fae?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	ISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00	CERTIFIER OR LAB: UL
VOC EMISSIONS	UL/GreenGuard Gold Certified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1ea0855b0e82d946a3354?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	ISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00	CERTIFIER OR LAB: UL
VOC EMISSIONS	UL/GreenGuard Gold Certified	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All Facilities CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1ea0855b0e82d946a3358?page_type=Products%20Catalog 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	ISSUE DATE: 2009-03-11 00:00:00 EXPIRY DATE: 2025-03-11 00:00:00	CERTIFIER OR LAB: UL
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/type-c-drywall . CERTIFICATE URL: https://certainteed.widen.net/content/kkfcidaphxg/pdf/114.1-epd-certainteed-gypsum-type-c-12-moundsville-wv.pdf?u=nwk4fd 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	CERTIFIER OR LAB: UL

CERTIFYING PARTY: Third Party	ISSUE DATE: 2023-07-01 00:00:00	CERTIFIER OR LAB: UL
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 .	EXPIRY DATE: 2028-06-30 00:00:00	
CERTIFICATE URL: https://certainteed.widen.net/content/dmfxmtw9ei/pdf/118.1-epd-certainteed-gypsum-type-c-58-moundsville-wv.pdf?u=nwk4fd		
CERTIFICATION AND COMPLIANCE NOTES: UL Environmental 4790745506.118.1		

 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**
EMAIL: **gypsumtechnicalsupport@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	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

