

**CLASSIFICATION:** 09 29 00.00 Finishes: Gypsum Board

**PRODUCT DESCRIPTION:** CertainTeed Gypsum Board Products M2Tech® 1/2" and 5/8" products and 1' M2Tech Shaftliner boards.

## Section 1: Summary

## Nested Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

Residuals/Impurities  
Considered in 2 of 2 Materials

Explanation(s) provided  
for Residuals/Impurities?  
 Yes  No

*All Substances Above the Threshold Indicated Are:*

**Characterized**  Yes Ex/SC  Yes  No  
*% weight and role provided for all substances.*

**Screened**  Yes Ex/SC  Yes  No  
*All substances screened using Priority Hazard Lists with results disclosed.*

**Identified**  Yes Ex/SC  Yes  No  
*All substances disclosed by Name (Specific or Generic) and Identifier.*

#### Threshold Disclosed Per

- Material  
 Product

### CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**

**M2TECH GYPSUM BOARD | CALCIUM SULFATE DIHYDRATE LT-UNK**  
**PARAFFIN LT-UNK STARCH LT-UNK GLUCOSE BM-3 FIBER GLASS,**  
**BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE**  
**CONTENT ≤18 % BY WEIGHT LT-UNK POLY(OXY-1,2-ETHANEDIYL),**  
**ALPHA-SULFO-OMEGA-HYDROXY-, C8-10-ALKYL ETHERS, AMMONIUM**  
**SALTS LT-UNK POLY(VINYL ALCOHOL) LT-UNK SODIUM**  
**POLYNAPHTHALENESULFONATE LT-P1 | PBT PROTEIN HYDROLYSATE**  
**[USP] NoGS POLY(METHYLHYDROSILOXANE) NoGS 2-**  
**NAPHTHALENESULFONIC ACID, POLYMER WITH FORMALDEHYDE,**  
**SODIUM SALT LT-P1 | PBT ] PAPER FACING [ CELLULOSE PULP NoGS**  
**LIMESTONE; CALCIUM CARBONATE LT-UNK KAOLIN, CALCINED LT-UNK**  
**ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL LT-UNK**  
**STARCH LT-UNK ]**

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

Contents highest concern GreenScreen  
Benchmark or List translator Score ... LT-P1  
Nanomaterial ... No

#### INVENTORY AND SCREENING NOTES:

All materials have been screened thru the HPD tool. All residuals and impurities have been considered. HPD has been reviewed and certified by a third party.

### 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 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings  
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### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

PREPARER: Self-Prepared

VERIFIER:

SCREENING DATE: 2019-02-05

PUBLISHED DATE: 2019-02-05





## Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### M2TECH GYPSUM BOARD

#: 95.0000 - 97.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: 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:

### CALCIUM SULFATE DIHYDRATE

ID: 10101-41-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-05

#: 89.0000 - 92.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Core Board

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

### PARAFFIN

ID: 8002-74-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-05

#: 3.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Moisture resistance to core

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

### STARCH

ID: 9005-25-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-02-05

#: 2.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

## GLUCOSE

ID: 50-99-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

#: **0.0500 - 0.1500**

GS: **BM-3**

RC: **None**

NANO: **No**

ROLE: **crystal setting time**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

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

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

#: **0.0500 - 0.3000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **panel strength**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

## POLY(OXY-1,2-ETHANEDIYL), ALPHA-SULFO-OMEGA-HYDROXY-, C8-10-ALKYL ETHERS, AMMONIUM SALTS

ID: 68891-29-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

#: **0.0300 - 0.0400**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Core Board**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

## POLY(VINYL ALCOHOL)

ID: 9002-89-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

#: **0.0200 - 0.0300**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **binder in wax**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**SODIUM POLYNAPHTHALENESULFONATE**

ID: 9084-06-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-05**%: **0.0200 - 0.0400**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **crystal formation**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**PBT****EC - CEPA DSL****Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans**SUBSTANCE NOTES: **R&D is working to replace this material due its potential human health concerns****PROTEIN HYDROLYSATE [USP]**

ID: 9015-54-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-05**%: **0.0000 - 0.0100**GS: **NoGS**RC: **None**NANO: **No**ROLE: **crystal setting time**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**No hazards found**

SUBSTANCE NOTES:

**POLY(METHYLHYDROSILOXANE)**

ID: 63148-57-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-05**%: **0.0000 - 1.0000**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Core Board**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**No hazards found**

SUBSTANCE NOTES:

**2-NAPHTHALENESULFONIC ACID, POLYMER WITH FORMALDEHYDE, SODIUM SALT**

ID: 36290-04-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-02-05**%: **0.0000 - 0.1100**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **crystal setting time**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

**PBT****EC - CEPA DSL****Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans**SUBSTANCE NOTES: **R&D is working to replace this material due its potential human health concerns**

**PAPER FACING**

**%: 3.0000 - 5.0000**

PRODUCT THRESHOLD: **100 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **Residuals and impurities are considered and noted when appropriate**

OTHER MATERIAL NOTES:

**CELLULOSE PULP**

ID: **65996-61-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

**%: 85.0000 - 92.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Facing on front and back of board**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**LIMESTONE; CALCIUM CARBONATE**

ID: **1317-65-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

**%: 4.0000 - 9.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Filler pigment in paper**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**KAOLIN, CALCINED**

ID: **92704-41-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

**%: 2.0000 - 7.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Filler pigment in paper**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**ACETIC ACID ETHENYL ESTER, POLYMER WITH ETHENOL**

ID: **25213-24-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

**%: 0.1000 - 0.5000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **bond edge tape to core**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

**STARCH**

ID: **9005-25-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-02-05**

#: **0.1000 - 0.5000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **binder for facing paper**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-03-11**

EXPIRY DATE: **2019-07-13**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All - certificate #10535-420  
CertainTeed M2Tech® 90 Setting Compound**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings**

### VOC EMISSIONS

### UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-03-11**

EXPIRY DATE: **2019-07-13**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All - certificate # 9308-420  
M2Tech® Shaftliner Type X**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings**

### VOC EMISSIONS

### UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-03-11**

EXPIRY DATE: **2019-07-13**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All certificate # 6413-420  
M2Tech® Gypsum Board**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings**

## 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.





## MANUFACTURER INFORMATION

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MANUFACTURER: **Saint Gobain**

ADDRESS: **CertainTeed Gypsum**

**20 Moore Road**

**Malvern PA 19355, United States**

WEBSITE: <https://www.certainteed.com/drywall/>

CONTACT NAME: **Mitchell Schittler**

TITLE: **Gypsum Marketing Technical Services**

PHONE: **6108936300**

EMAIL: **Mitchell.L.Schittler@saint-gobain.com**

## KEY

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**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

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

### Hazard Types

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

**END** Endocrine activity

**EYE** Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

**MAM** Mammalian/systemic/organ toxicity

**MUL** Multiple hazards

**NEU** Neurotoxicity

**OZO** Ozone depletion

**PBT** Persistent Bioaccumulative Toxic

**PHY** Physical Hazard (reactive)

**REP** Reproductive toxicity

**RES** Respiratory sensitization

**SKI** Skin sensitization/irritation/corrosivity

**LAN** Land Toxicity

**NF** Not found on Priority Hazard Lists

### 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 (insufficient data to benchmark)

**LT-P1** List Translator Possible Benchmark 1

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

**NoGS** Unknown (no data on List Translator Lists)

### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

### Other Terms

#### Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material

**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product

**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology

**Third Party Verified** Verification by independent certifier approved by HPDC

**Preparer** Third party preparer, if not self-prepared by manufacturer

**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*