

CLASSIFICATION: 09 29 00.00 FINISHES: GYPSUM BOARD

PRODUCT DESCRIPTION: PROFORM® BRAND SETTING TYPE JOINT COMPOUNDS WERE DEVELOPED TO REDUCE JOINT DEFORMITIES SUCH AS RIDGING AND BEADING AND PROVIDE SHORTENED JOINT FINISHING TIME. PROFORM® BRAND QUICK SET COMPOUND IS A QUICK SETTING/HARDENING TYPE COMPOUND THAT IS NOT AFFECTED BY HUMIDITY ONCE IT HAS SET AND DRIED. IT IS AVAILABLE IN 20-, 45-, 90- AND 210- MINUTE SET TIMES. PROFORM® BRAND QUICK SET LITE COMPOUND IS 30% LIGHTER THAN CONVENTIONAL SETTING COMPOUND, SANDS EASIER AND REQUIRES LESS TIME AND EFFORT TO WORK. AVAILABLE IN 5-, 20-, 45-, 90-, AND 210-MINUTE SET TIMES. PROFORM® QUICK SET AND QUICK SET LITE SETTING COMPOUNDS ACHIEVE GREENGUARD AND GREENGUARD GOLD CERTIFICATION. GREENGUARD CERTIFIED PRODUCTS ARE CERTIFIED TO GREENGUARD STANDARDS FOR LOW CHEMICAL EMISSIONS INTO INDOOR AIR DURING PRODUCT USAGE. THIS HPD COVERS PROFORM® BRAND QUICK SET COMPOUND AND PROFORM® BRAND QUICK SET LITE COMPOUND.

**Section 1: Summary**

**CONTENT INVENTORY**

Threshold per material	Residuals and impurities considered in 1 of 1 materials
<input type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2:
<input checked="" type="radio"/> 1,000 ppm	Material Notes
<input type="radio"/> Per GHS SDS	<input checked="" type="radio"/> see Section 5:
<input type="radio"/> Per OSHA MSDS	General Notes
<input type="radio"/> Other	

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

**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**

PROFORM® SETTING COMPOUNDS [ PLASTER OF PARIS NoGS  
CALCIUM CARBONATE BM-3 UNDISCLOSED LT-UNK PERLITE LT-UNK  
TALC BM-3 | CAN PYROPHYLLITE UNK UNDISCLOSED LT-UNK  
QUARTZ LT-1 | CAN ATTAPULGITE LT-1 | CAN 2-HYDROXYPROPYL  
STARCH LT-UNK KAOLIN CLAY LT-UNK | CAN HYDROXYPROPYL  
METHYL CELLULOSE LT-UNK PROTEIN HYDROLYZATE LT-UNK  
CALCIUM SULFATE DIHYDRATE LT-UNK MICA LT-UNK POLY(VINYL  
ALCOHOL) LT-UNK POLYVINYL ACETATE (PVA) LT-UNK CHLORITE  
UNK ]

Number of Greenscreen BM-4/BM3 contents..... 2  
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1  
Nanomaterial..... No

**INVENTORY AND SCREENING NOTES:**

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.0, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD is consistent with the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE**

VOC emissions: GREENGUARD Gold Certified  
VOC emissions: GREENGUARD Certified  
VOC emissions: GREENGUARD Gold Certified  
VOC emissions: GREENGUARD Certified

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 12, 2017	EXPIRY DATE*: May 12, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 15, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### PROFORM® SETTING COMPOUNDS

%: 100.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Residuals or impurities with the potential to be present in this material/product above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1 or LT-P1 are disclosed, based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML). Percent by weight of substances disclosed as ranges to protect proprietary formulation.

#### PLASTER OF PARIS

ID: 26499-65-0

%: 45.0000 - 65.0000

GS: NoGS

RC: None

NANO: NO

ROLE: Filler; Increases Hardness/Strength

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Calcium sulfate hemihydrate

#### CALCIUM CARBONATE

ID: 471-34-1

%: 20.0000 - 40.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Filler

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List. May also include CASRN 1317-65-3 (Limestone; LT-UNK; No warnings found on HPD Priority lists).

#### UNDISCLOSED

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Supplier has disclosed substance name and CASRN under a Non-Disclosure Agreement; substance to remain proprietary to supplier. Substance has been screened against the HPD Priority lists with results disclosed.

#### PERLITE

ID: 93763-70-3

%: 1.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

**TALC**

ID: 14807-96-6

%: 1.0000 - 20.0000

GS: BM-3

RC: None

NANO: NO

ROLE: Filler; Flow Ability; Crack Resistance

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Non-asbestiform. Supplier has provided Certificate of Analysis confirming that talc products "do not contain detectable regulated asbestiform minerals". Talc is one of several substances that work synergistically to reduce cracking in the finished product.

**PYROPHYLLITE**

ID: 12269-78-2

%: 0.1000 - 10.0000

GS: UNK

RC: None

NANO: NO

ROLE: Crack resistance; Improved workability; Reduces chalking

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Pyrophyllite is one of several substances that work synergistically to reduce cracking in the finished product. This substance is currently not listed in the Pharos Chemical and Material Library (CML). According to USGS: "Pyrophyllite is a hydrous aluminum silicate with a structure similar to talc. Such properties as chemical inertness, high dielectric strength, high melting point, and low electrical conductivity make it useful for ceramic and refractory applications." (<https://minerals.usgs.gov/minerals/pubs/commodity/talc/>). SDS lists the following exposure limits: OSHA PEL (United States) TWA: 15 mg/m3 total dust, 5 mg/m3 respirable dust (PNOR); ACGIH TLV (United States) TWA: 10 mg/m3 total dust, 3 mg/m3 respirable dust (PNOS).

**UNDISCLOSED**

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List. Supplier has disclosed substance name and CASRN under a Non-Disclosure Agreement; substance to remain proprietary to supplier. Substance has been screened against the HPD Priority lists with results disclosed.

**QUARTZ**

ID: 14808-60-7

%: 0.1000 - 10.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Filler; Crack Resistance; Residual/Impurity
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES: Silica; Crystallized silicon dioxide. Natural substance that is widely used in metal extraction, paints, polymers, cleaning agents, coloring agents, and fillers. Quartz is one of several compounds with warnings restricted to respirable forms (Pharos CML). Exposures to respirable crystalline silica are not expected during the recommended use of this product. Awaiting full GreenScreen Assessment for form specific hazards for this compound (<http://ow.ly/Z5ken>). Quartz is one of several substances that work synergistically to reduce cracking in the finished product. May also represent possible impurity of raw materials.

**ATTAPULGITE**

ID: 12174-11-7

%: 0.1000 - 10.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Improves Sag Resistance
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: Attapulgite is one of several substances that work synergistically to reduce cracking in the finished product. Hydrated magnesium aluminium silicate, which occurs as a fibrous chain-structure mineral in clay deposits in several areas of the world. Found in a variety of paints, joint compounds, adhesives and other building materials. (Pharos CML). IARC Monographs (Vol 68): "There is inadequate evidence in humans for the carcinogenicity of palygorskite (attapulgite). Long palygorskite (attapulgite) fibres (> 5 um) are possibly carcinogenic to humans (Group 2B). Short palygorskite (attapulgite) fibres (< 5 um) cannot be classified as to their carcinogenicity to humans (Group 3)." ([toxnet.nlm.nih.gov](http://toxnet.nlm.nih.gov)).

**2-HYDROXYPROPYL STARCH**

ID: 9049-76-7

%: 0.1000 - 10.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Binder; Rheology Modifier; Thickener
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**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

**KAOLIN CLAY**

ID: 1332-58-7

%: 0.1000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Improves Crack Resistance, Workability; Reduces Chalking

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Identified on the US EPA Safer Chemicals Ingredient List. Kaolin Clay is one of several substances that work synergistically to reduce cracking in the finished product.

**HYDROXYPROPYL METHYL CELLULOSE**

ID: 9004-65-3

%: 0.1000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Rheology Modifier; Thickener

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

**PROTEIN HYDROLYZATE**

ID: 69430-36-0

%: 0.1000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Controls Set Time

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: May also include CASRN 9015-54-7 (UNK; Not found on HPD Priority lists).

**CALCIUM SULFATE DIHYDRATE**

ID: 10101-41-4

%: 0.1000 - 10.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Setting Control

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Gypsum. Other CASRN may include 13397-24-5 (LT-UNK; No warnings found on HPD Priority lists).

**MICA**

ID: 12001-26-2

%: 0.1000 - 10.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Improves Crack Resistance, Workability; Reduces Chalking

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Mica is one of several substances that work synergistically to reduce cracking in the finished product.

**POLY(VINYL ALCOHOL)**

ID: 9002-89-5

%: 0.0000 - 10.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on EPA Safer Chemical Ingredient List.

**POLYVINYL ACETATE (PVA)**

ID: 9003-20-7

%: 0.0000 - 10.0000      GS: LT-UNK      RC: None      NANO: NO      ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**CHLORITE**

ID: 1318-59-8

%: Impurity/Residual      GS: UNK      RC: None      NANO: NO      ROLE: Impurity/Residual

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Chlorite Group Minerals. Potential Impurity of Talc.

## 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

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

<http://productguide.ulenvironment.com/ProductDetail.aspx?productID=9913&BrandID=584&perPage=96>

CERTIFICATION AND COMPLIANCE NOTES: ProForm Quick Set Setting Compound. Certificate Number: 9913-420.

### GREENGUARD Gold Certified

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2009-12-31	2017-12-31	UL Environment

### VOC EMISSIONS

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

<http://productguide.ulenvironment.com/ProductDetail.aspx?productID=9913&BrandID=584&perPage=96>

CERTIFICATION AND COMPLIANCE NOTES: ProForm Quick Set Setting Compound. Certificate Number: 9913-410.

### GREENGUARD Certified

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2009-12-31	2017-12-31	UL Environment

### VOC EMISSIONS

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

<http://productguide.ulenvironment.com/ProductDetail.aspx?productID=9912&BrandID=584&perPage=96>

CERTIFICATION AND COMPLIANCE NOTES: ProForm Quick Set Lite Setting Compound. Certificate Number: 9912-420.

### GREENGUARD Gold Certified

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2009-12-31	2017-12-31	UL Environment

### VOC EMISSIONS

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: All

CERTIFICATE URL:

<http://productguide.ulenvironment.com/ProductDetail.aspx?productID=9912&BrandID=584&perPage=96>

CERTIFICATION AND COMPLIANCE NOTES: ProForm Quick Set Lite Setting Compound. Certificate Number: 9912-410.

### GREENGUARD Certified

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2009-12-31	2017-12-31	UL Environment

## 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.

### GOLD BOND® GYPSUM BOARDS

HPD URL: <http://designcenter.nationalgypsum.com/sustainability/category/health-product-declaration-hpd>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: ProForm® Setting Type Joint Compounds can be used to finish various types of gypsum boards, such as Gold Bond® Fire-Shield, Gold Bond® XP Fire-Shield, and Gold Bond® XP SoundBreak.

### PROFORM® PAPER JOINT TAPE

HPD URL: <http://designcenter.nationalgypsum.com/sustainability/category/health-product-declaration-hpd>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Paper Tape, such as ProForm® Paper Joint Tape, can be used in conjunction with Proform® Setting Type Joint Compounds to finish various types of gypsum boards.

## Section 5: General Notes

Residuals and Impurities have been considered as stated in the Material Notes for each disclosed material.



### MANUFACTURER INFORMATION

MANUFACTURER: National Gypsum Company

CONTACT NAME: Warren Barber

ADDRESS: 2001 Rexford Road  
Charlotte, NC 28211  
USA

TITLE: Manager - Technical Marketing

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### 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

**GLO** Global warming

**PHY** Physical Hazard (reactive)

**CAN** Cancer

**MAM** Mammalian/systemic/organ toxicity

**REP** Reproductive toxicity

**DEV** Developmental toxicity

**MUL** Multiple hazards

**RES** Respiratory sensitization

**END** Endocrine activity

**NEU** Neurotoxicity

**SKI** Skin sensitization/irritation/corrosivity

**EYE** Eye irritation/corrosivity

**OZO** Ozone depletion

**LAN** Land Toxicity

**GEN** Gene mutation

**PBT** Persistent Bioaccumulative Toxic

**NF** Not found on Priority Hazard Lists

#### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

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

**BM-3** Benchmark 3 (use but still opportunity for improvement) BM-2  
Benchmark 2 (use but search for safer substitutes)

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

**BM-1** Benchmark 1 (avoid - chemical of high concern)

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

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** 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

**Nano** Composed of nanoscale particles or nanotechnology

#### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

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

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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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.