CLASSIFICATION: 09 29 00.00 FINISHES: GYPSUM BOARD

PRODUCT DESCRIPTION: THIS HPD COVERS THE PROFORM® BRAND READY MIX JOINT COMPOUND PRODUCT LINE. PROFORM® READY MIX JOINT COMPOUNDS COME IN A VARIETY OF FORMULAS INCLUDING ALL PURPOSE, LIGHT WEIGHT AND ULTRA-LIGHT WEIGHT. SELECT FORMULAS HAVE DUST CONTROL PROPERTIES. PROFORM® ALL PURPOSE JOINT COMPOUND IS THE HEAVIEST TYPE OF COMPOUND AND IT SANDS TO A SMOOTH FINISH AND RESISTS DENTS AND SCUFFS. PROFORM® LIGHTWEIGHT COMPOUNDS REDUCE SHRINKAGE BY UP TO 33% AND SAND WITH LESS EFFORT. PROFORM® ULTRA LITE COMPOUND WEIGHS UP TO 40% LESS THAN ALL PURPOSE, SANDS EASIER AND IS EXCELLENT FOR USE IN ALL TAPING AND FINISHING TOOLS. THE DUST CONTROL FORMULAS REDUCE AIRBORNE DUST BY 60% AND RESIST MOLD GROWTH PER ASTM G21. SELECT PROFORM® READY MIX JOINT COMPONDS ACHIEVE GREENGUARD AND GREENGUARD GOLD CERTIFICATION, WHICH ARE CERTIFIED TO GREENGUARD STANDARDS FOR LOW CHEMICAL EMISSIONS INTO INDOOR AIR DURING PRODUCT USAGE. THIS HPD COVERS THE FOLLOWING PROFORM® READY MIX JOINT COMPOUNDS: PROFORM® ALL PURPOSE, PROFORM® LITE®, PROFORM® LITE BLUE, PROFORM® ULTRA LITE®, PROFORM® XP® WITH DUST-TECH®, PROFORM® XP® LITE WITH DUST-TECH®, PROFORM® MULTI-USE, PROFORM® TAPING, PROFORM® TAPING LITE, PROFORM® ALL PURPOSE MACHINE GRADE, PROFORM® ALL PURPOSE ORANGE, PROFORM® ALL PURPOSE HEAVY VISCOSITY, PROFORM® TOPPING, PROFORM® CONCRETE-COVER COMPOUND, PROFORM® TINTED-LITE JOINT COMPOUND.

Section 1: Summary

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.

CONTENT IN DESCENDING ORDER OF QUANTITY

Based on the selected Content Inventory Threshold:

- Residuals and impurities considered in 1 of 1 materials

Characterized....................................................
Are the Percent Weight and Role provided for all substances? Yes No

Screened.....................................................
Are all substances screened using Priority Hazard Lists with results disclosed? Yes No

Identified.....................................................
Are all substances disclosed by Name (Specific or Generic) and Identifier? Yes 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

Material (g/l): 2.0
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

VOC emissions: GREENGUARD Gold Certified
VOC emissions: GREENGUARD Certified

See Section 3 for additional listings.
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 and www.greenscreenchemicals.org.

### READY MIX JOINT COMPOUNDS

<table>
<thead>
<tr>
<th>Material</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>45.0000 - 65.0000</td>
<td>BM-3</td>
<td>None</td>
<td>NO</td>
<td>Filler</td>
</tr>
<tr>
<td>Water</td>
<td>30.0000 - 50.0000</td>
<td>BM-4</td>
<td>None</td>
<td>NO</td>
<td>Diluent; Controls fluidity and texture</td>
</tr>
<tr>
<td>Talc</td>
<td>1.0000 - 20.0000</td>
<td>BM-3</td>
<td>None</td>
<td>NO</td>
<td>Filler, flow ability, crack resistance</td>
</tr>
</tbody>
</table>

### HAZARDS:

- None Found

### SUBSTANCE NOTES:

- Identified on the US EPA Safer Chemical Ingredient List. Other CASRN may include 1317-65-3 (Limestone; LT-UNK; NO | No warnings found on HPD Priority lists).
- Talc is one of several substances that work synergistically to reduce cracking in the finished product.

Ready Mix Joint Compounds Health Product Declaration Page 2 of 7 created via: HPDC Online Builder www.hpd-collaborative.org
PYROPHYLLITE

ID: 12269-78-2

| %: 0.1000 - 10.0000 | GS: UNK | RC: None | NANO: NO | ROLE: Crack resistance; Improved workability; Reduced 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/). Supplier 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: 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: Crack resistance; Improved workability; Reduced chalking; Residual/Impurity |

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: 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 present in raw materials.
### ATTAPULGITE

**ID:** 12174-11-7  
**%:** 0.1000 - 10.0000  
**GS:** LT-1  
**RC:** None  
**NANO:** NO  
**ROLE:** Improves sag resistance; Reduces cracking

**HAZARDS:**

<table>
<thead>
<tr>
<th>CANCER</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>MAK</td>
<td>Carcinogen Group 2 - Considered to be carcinogenic for man</td>
</tr>
</tbody>
</table>

**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).

### MICA

**ID:** 12001-26-2  
**%:** 0.1000 - 10.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** NO  
**ROLE:** Crack resistance; Improved workability; Reduced chalking

**HAZARDS:**

<table>
<thead>
<tr>
<th>CANCER</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
</tbody>
</table>

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

### KAOLIN CLAY

**ID:** 1332-58-7  
**%:** 0.1000 - 10.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** NO  
**ROLE:** Crack resistance; Improved workability; Reduced chalking

**HAZARDS:**

<table>
<thead>
<tr>
<th>CANCER</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

**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.

### METHYLMETHOXYETHYLCELLULOSE

**ID:** 9032-42-2  
**%:** 0.1000 - 10.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** NO  
**ROLE:** Thickener
### Hydroxyethyl Cellulose

**ID:** 9004-62-0  

- **%:** 0.1000 - 10.0000  
- **GS:** LT-P1  
- **RC:** None  
- **NANO:** NO  
- **ROLE:** Thickener

**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.

### Poly(vinyl alcohol)

**ID:** 9002-89-5  

- **%:** 0.1000 - 10.0000  
- **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:**

- Identified on the US 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:**  
None Found

**AGENCY(IES) WITH WARNINGS:**  
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:**  
None Found

**AGENCY(IES) WITH WARNINGS:**  
No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

**VOC EMISSIONS**

**GREENGUARD Gold Certified**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY: Third Party</th>
<th>ISSUE DATE</th>
<th>EXPIRY DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFIER OR LAB: UL Environment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISSUE DATE: 2009-04-30</td>
<td>EXPIRY DATE: 2017-12-31</td>
<td></td>
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**VOC EMISSIONS**

**GREENGUARD Certified**

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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**

| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: ProForm® Ready Mix 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**

| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Paper tape, such as ProForm® Paper Joint Tape, can be used in conjunction with ProForm® Ready Mix 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
ADDRESS: 2001 Rexford Road
        Charlotte, NC 28211
        USA
WEBSITE: www.nationalgypsum.com

CONTACT NAME: Warren Barber
TITLE: Manager - Technical Marketing
PHONE: 704-365-7494
EMAIL: WarrenB@nationalgypsum.com

KEY

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)
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

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.