

CLASSIFICATION: 09 29 00.00 FINISHES: GYPSUM BOARD

PRODUCT DESCRIPTION: PROFORM® JOINT TAPE CONCEALS AND REINFORCES GYPSUM BOARD JOINTS. PROFORM® JOINT TAPE IS DESIGNED FOR USE WITH READY MIX OR SETTING-TYPE JOINT COMPOUNDS AND GYPSUM VENEER PLASTER SYSTEMS TO CONCEAL AND REINFORCE JOINTS OF INTERIOR WALLS AND CEILINGS. THE TAPE IS BUFFED ON BOTH SIDES TO ENSURE THE BEST WORKING QUALITIES AND BOND. A CENTER CREASING PROCESS ALLOWS EASY FOLDING FOR USE AT CORNERS. AVAILABLE IN 75', 250' AND 500' ROLLS. THIS HPD COVERS PROFORM® BRAND PAPER JOINT TAPE AND PROFORM® BRAND PAPER JOINT TAPE – HEAVY PRODUCTS.

Section 1: Summary

CONTENT INVENTORY

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

- Residuals and impurities considered in 1 of 1 materials
- see Section 2: Material Notes
 - see Section 5: General Notes

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 checked="" type="radio"/>	<input 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.

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
 Nanomaterial..... No

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

PROFORM® PAPER JOINT TAPE [CELLULOSE PULP NoGS
 LIMESTONE; CALCIUM CARBONATE LT-UNK STARCH LT-UNK
 MALEIC ANHYDRIDE, TETRACHLOROPHTHALIC ANHYDRIDE,
 PROPYLENE GLYCOL POLYMER UNK ALUMINUM SULFATE LT-P1
 | RES 2,5-FURANDIONE, DIHYDRO-3-(OCTADECENYL)- LT-UNK
 1,3-DICHLORO-2-HYDROXYPROPANE LT-1 | MAM | CAN | MUL
 QUARTZ LT-1 | CAN]

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

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: May 15, 2017	EXPIRY DATE*: May 15, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 16, 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 and www.greenscreenchemicals.org.

PROFORM® PAPER JOINT TAPE

%: 100.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

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

CELLULOSE PULP

ID: 65996-61-4

%: 65.0000 - 70.0000

GS: NoGS

RC: None

NANO: NO

ROLE: Base Paper

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

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

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 10.0000 - 15.0000

GS: LT-UNK

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 U.S. EPA Safer Chemical Ingredient List.

STARCH

ID: 9005-25-8

%: 5.0000 - 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: Identified on the U.S. EPA Safer Chemical Ingredient List. May also include the following CASRN: 65996-62-5 [LT-UNK | NO]; 65996-63-6 [NoGS | NO]; 9005-27-0 [NoGS | NO].

MALEIC ANHYDRIDE, TETRACHLOROPHTHALIC ANHYDRIDE, PROPYLENE GLYCOL POLYMER

ID: 28408-19-7

%: 1.0000 - 5.0000

GS: UNK

RC: None

NANO: NO

ROLE: Wet Strength Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Substance not currently found in Pharos CML or HPD Priority Hazard lists. Other Registry Number: 50828-83-6. Systematic Name: 1,3-Isobenzofurandione, 4,5,6,7-tetrachloro-, polymer with 2,5-furandione and 1,2-propanediol. Molecular Formula:(C8Cl4O3.C4H2O3.C3H8O2)x. Similar compound reviewed (29403-69-8) returned GS score of LT-UNK with no warnings found on HPD Priority lists.

ALUMINUM SULFATE

ID: 10043-01-3

%: 0.1000 - 1.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: pH Stabilizer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES:

2,5-FURANDIONE, DIHYDRO-3-(OCTADECENYL)-

ID: 28777-98-2

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Sizing Agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

1,3-DICHLORO-2-HYDROXYPROPANE

ID: 96-23-1

%: 0.1000 - 0.2000

GS: LT-1

RC: None

NANO: NO

ROLE: Wet Strength Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R21 - Harmful in Contact with Skin

MAMMALIAN

EU - R-phrases

R25 - Toxic if Swallowed

CANCER

EU - R-phrases

R45 - May cause cancer

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

MAMMALIAN

EU - GHS (H-Statements)

H301 - Toxic if swallowed

CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: We are currently working with our supplier to find a suitable replacement for this resin that has fewer hazards.

QUARTZ

ID: 14808-60-7

%: Impurity/Residual	GS: LT-1	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
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	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources

SUBSTANCE NOTES: Potential impurity in raw materials. 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>).

 **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.

 **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® Paper Joint Tape 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® READY MIX
JOINT COMPOUNDS (<2 G/L)**

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

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

**PROFORM® SETTING TYPE
JOINT COMPOUNDS**

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

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: ProForm® Paper Joint Tape can be used in conjunction with setting joint compounds, such as 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

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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

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

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.