

ProForm® Ultra Lite All Purpose Ready Mix Joint Compound

by National Gypsum Company

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 29 00 Finishes: Gypsum Board

PRODUCT DESCRIPTION: ProForm® BRAND Ultra Lite All Purpose Ready Mix Joint Compound is an innovative product that combines excellent bond with superb sanding characteristics. Ultra Lite is a vinyl based ready mix joint compound that outperforms its competition with excellent working qualities and great open time. Ultra Lite is approximately 40% lighter than other conventional all purpose ready mix products and is ideal for all phases of finishing including taping, topping, filling, patching, skimming and laminating. Ultra Lite is designed to be used for both hand and taping tools.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

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

Residuals/Impurities

Residuals/Impurities Considered in 1 of 1 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

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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

READY MIX JOINT COMPOUNDS [CALCIUM CARBONATE BM-3 WATER BM-4 LATEX BINDER LT-UNK TALC BM-1 | CAN PYROPHYLLITE NoGS QUARTZ LT-1 | CAN ATTAPULGITE LT-1 | CAN MICA LT-UNK KAOLIN CLAY LT-UNK | CAN METHYLHYDROXYETHYLCELLULOSE LT-UNK HYDROXYETHYL CELLULOSE LT-P1 | END POLY(VINYL ALCOHOL) LT-UNK POLYVINYL ACETATE (PVA) LT-UNK CHLORITE NoGS]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1.1, 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. Substances not "Identified" are those considered proprietary to suppliers, and thus are "Undisclosed" on this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 1 Regulatory (g/l): 3

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified

VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

Multi-attribute: Environmental Product Declaration (EPD) by UL - Industry Generic

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Elixir Environmental

SCREENING DATE: 2019-03-15

Yes
 No

VERIFIER:
VERIFICATION #:

PUBLISHED DATE: 2019-03-20
EXPIRY DATE: 2022-03-15



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

READY MIX JOINT COMPOUNDS

#: 100.0000

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities were "Considered", as outlined in Emerging Best Practices. 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, LT-P1 or NoGS have been disclosed, based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER MATERIAL NOTES: Percent by weight of substances disclosed as range to protect proprietary formulation, and to account for possible formulation variations between manufacturing facilities.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-03-15

#: 45.0000 - 65.0000 GS: BM-3 RC: None NANO: No ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards 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). GreenScreen Benchmark® assessment score of BM-3 was provided by the HPD Builder Tool.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-03-15

#: 30.0000 - 50.0000 GS: BM-4 RC: None NANO: No ROLE: Diluent; Controls fluidity and texture

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-4 was provided by the HPD Builder Tool.

LATEX BINDER

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-03-15

#: 0.1000 - 1.0000 GS: LT-UNK RC: None NANO: No ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	*3rd Party Screened*

SUBSTANCE NOTES: Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-03-15**

#: **0.1000 - 10.0000** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Filler, flow ability, crack resistance**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2B - Possibly carcinogenic to humans
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. GreenScreen Benchmark® assessment score of BM-1 was provided by the HPD Builder Tool. GreenScreen® Assessment for Talc (CAS# 14807-96-6) assigns the following GreenScreen® Benchmark Scores for Relevant Routes of Exposure: Inhalation (BM-1); Oral (BM-3DG); Dermal (BM-U).

PYROPHYLLITE

ID: 12269-78-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-03-15**

#: **0.1000 - 10.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Crack resistance; Improved workability; Reduced chalking**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	No hazards found	

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

QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-03-15**

#: **0.1000 - 10.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Crack resistance; Improved workability; Reduced chalking; Residual/Impurity**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
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
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	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Warnings restricted to respirable forms (Silica, crystalline - airborne particles of respirable size). Awaiting full GreenScreen Assessment for form specific hazards for this compound (<http://ow.ly/Z5ken>). Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including those with Form-Specific Hazards such as Quartz/Silica. 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

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-03-15**

#: **0.1000 - 10.0000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Improves sag resistance; Reduces cracking**

HAZARD TYPE	AGENCY AND LIST TITLES	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.

MICA

ID: 12001-26-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-03-15**

#: **0.1000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Crack resistance; Improved workability; Reduced chalking**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

KAOLIN CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-03-15**%: **0.1000 - 10.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Crack resistance; Improved workability; Reduced chalking**

HAZARD TYPE

AGENCY AND LIST TITLES

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.

METHYLHYDROXYETHYLCELLULOSE

ID: 9032-42-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-03-15**%: **0.1000 - 10.0000**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Thickener**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

HYDROXYETHYL CELLULOSE

ID: 9004-62-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-03-15**%: **0.1000 - 10.0000**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Thickener**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**

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

POLY(VINYL ALCOHOL)

ID: 9002-89-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-03-15**

#: **0.1000 - 10.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

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

POLYVINYL ACETATE (PVA)

ID: **9003-20-7**

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

HAZARD SCREENING DATE: **2019-03-15**

#: **0.0000 - 10.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES:

CHLORITE

ID: **1318-59-8**

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

HAZARD SCREENING DATE: **2019-03-15**

#: **Impurity/Residual**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **Chlorite Group Minerals. Potential Impurity of Talc as per supplier SDS.**

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/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

04-30

03-28

Environment

CERTIFICATE URL:

<http://certificates.ulenvironment.com/default.aspx?id=24403&t=cs>

CERTIFICATION AND COMPLIANCE NOTES: **Certificate Number 24403-420. UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Building products and interior finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.**

VOC CONTENT

EPA Method 24 - Volatile Matter Content (EPA 24)

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2008-**

EXPIRY DATE:

CERTIFIER OR LAB: **Chem-Bac**

APPLICABLE FACILITIES: **Jasper Plant, Rensselaer, IN 47978; Atlanta Plant, Deluth, GA 30096**

07-17

Laboratories, Inc.

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Certificate of Analysis. Number 1901-08.**

MULTI-ATTRIBUTE

Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2017-**

EXPIRY DATE: **2022-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **All**

11-08

11-08

Environment

CERTIFICATE URL:

<http://designcenter.nationalgypsum.com/building-futures/documents>

CERTIFICATION AND COMPLIANCE NOTES: **Declaration Number: 4787593939.101.1. Reference PCR: UL Part A v1.3 & Part B: Joint compound EPD requirements (2016). EPD covers both Ready Mix and Setting Type Joint Compounds. National Gypsum Company is listed among the Participating Companies in this Industry-Wide EPD.**

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/building-futures/documents>

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

HPD URL:

<http://designcenter.nationalgypsum.com/building-futures/documents>

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



MANUFACTURER INFORMATION

MANUFACTURER: **National Gypsum Company**

ADDRESS: **2001 Rexford Road**

Charlotte NC 28211, USA

WEBSITE: **www.NationalGypsum.com**

CONTACT NAME: **Amy Hockett**

TITLE: **National Marketing Manager - Construction Design Services & Sustainability**

PHONE: **704-365-7931**

EMAIL: **AmyH@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)

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.