

SDS No. GB-5002 Ready Mix Joint Compounds

# **Section 1: Product and Company Identification**

#### **Product Name**

Ready Mix Joint Compounds

**Product Identifiers** 

Easy Finish Topping ProForm All Purpose Machine Grade

Easy Finish All Purpose ProForm Lite

ProForm All Purpose Heavy Viscosity ProForm Lite with Dust-Tech
ProForm All Purpose Export EX 70 ProForm Ultra Lite All Purpose

ProForm Multi-Use ProForm Topping

ProForm Taping ProForm XP with Dust-Tech
ProForm Taping Lite ProForm XP Lite with Dust-Tech

ProForm Lite Blue Advantage
ProForm Texture Grade Advantage Lite
ProForm Tinted Lite Advantage Topping

ProForm Pre-Blend 50 lb. bag ProForm Concrete-Cover Compound

ProForm All Purpose ProForm Factory Built Housing Texture Grade Compound

Other means of identification

Joint Compound, Taping Compound, Gypsum Board Finishing Compound

**Recommended Use** 

All-purpose drying-type compounds used for finishing gypsum board products. Use per manufacturer's recommendations

**Restrictions on Use** 

Use in well-ventilated area and avoid breathing dust.

Avoid skin contact.

Manufacturer/Supplier Details

National Gypsum Company

2001 Rexford Road

Charlotte, NC 28211

**Emergency Telephone Number** 

**Director Quality Services** 

(704) 551-5820 - 24 Hour Emergency Response

Website: www.nationalgypsum.com

# **Section 2: Hazards Identification**

#### United States (US)

According to OSHA 29CFR 1910.1200 (HCS)

#### GHS Classification of the substance or mixture

Carcinogenicity - Category 1A - (H-350)

Specific target organ toxicity, repeated exposure – Category 1 (H-372)

Acute toxicity, inhalation - Category 4 (H-332) Skin corrosion/irritation Category 2 (H315)

**GHS Label Elements** 

**Pictogram** 



Danger

Signal Word Hazard Statements

H-350 May cause cancer.

H-332, 372 Harmful if inhaled. Causes damage to organs (lungs) through prolonged or repeated

exposure.

H-315 Causes skin corrosion/irritation

# Section 2: Hazards Identification (Continued)

#### **Precautionary Statements**

#### Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust.

Use personal protective equipment as required. (See Section 8)

Use engineering controls and wet methods to minimize dust.

#### Response

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

If on skin, wash with plenty of soap and water.

If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if exposed or concerned.

# Storage

Store material in a cool, dry, ventilated area, away from excessive heat or sunlight.

#### Disposal

Dispose of material in accordance with federal, state, and local regulations

# Section 3: Composition/Information on Ingredients

Chemical Name	Common name/ Synonym	Identifiers CAS Number	% (weight)	Impurities
Calcium Carbonate or Calcium/Magnesium Carbonate	Limestone or Dolomite	1317-65-3 16389-88-1	<50	Crystalline silica (CAS # 14808-60-7)
And may contain one or	more of the following:			
Mixture-silicates and aluminates	Mica	12001-26-2	<10	Crystalline silica (CAS # 14808-60-7)
Hydrated magnesium silicate	Talc (non-asbestiform)	14807-96-6	<5	Crystalline silica (CAS # 14808-60-7)
Mixture-various metal oxides	Perlite	93763-70-3	<10	Crystalline silica (CAS # 14808-60-7)
magnesium aluminum phyllosilicate	Attapulgite Clay	12174-11-7	<5	Crystalline silica (CAS # 14808-60-7)
Magnesium silicate	Sepiolite Clay	63800-37-3	<5	Crystalline silica (CAS # 14808-60-7)
Magnesium aluminum phyllosilicate	Smectite Clay	1302-78-9	<5	Crystalline silica (CAS # 14808-60-7)
Polyvinyl Acetate Latex		9003-20-7	<5	
Ethylene Vinyl Acetate Latex		24937-78-8	<5	



#### **Section 4: First-Aid Measures**

**Inhalation** Remove exposed individual to fresh air immediately. If breathing difficulty persists, seek medical attention.

**Eye contact** Do not rub or scratch eyes. Immediately flush eyes with water for 15 minutes.

Remove contact lenses (if applicable). Seek medical attention if irritation persists.

Skin contact Flush and wash skin with soap and water. Utilize lotions to alleviate dryness if present. Seek medical

attention if irritation persists.

**Ingestion** This product is not expected to be hazardous and no harmful effects are expected upon ingestion of small

amounts. Larger amounts may cause abdominal discomfort or possible obstruction of the digestive tract.

Seek medical attention if problems persist.

#### Medical Conditions aggravated by exposure

Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma. Pre-existing skin diseases such as, but not limited to, rashes and dermatitis.

# Section 5: Fire-Fighting Measures

#### **Extinguishing Media**

Dry chemical, foam, water, or extinguishing media appropriate for surrounding fire.

#### **Unusual Fire and Explosion Hazards**

Mixture poses no fire-related hazard.

#### Special hazards arising from the mixture

None known

#### **Special Protective Equipment and Precautions for Firefighters**

A SCBA is recommended to limit exposures to combustion products when fighting any fire.

#### **Section 6: Accidental Release Measures**

#### Personal precautions, protective equipment and emergency procedures

No special precautions required.

General recommendations:

Wear appropriate Personal Protective Equipment. (See Section 8)

Maintain proper ventilation.

#### **Environmental precautions**

This product does not present an ecological hazard to the environment.

Dispose of in accordance with applicable federal, state, and local regulations.

#### Methods and materials for containment and cleaning up

Shovel or scoop spilled material back into container for use, if possible, or disposal.

Maintain proper ventilation to minimize dust.

Avoid washing material down drains. This material will eventually set and can cause clogs.

# Section 7: Handling and Storage

#### Precautions for safe handling

Avoid breathing vapors when opening container.

Avoid breathing dust.

Minimize generation of dust.

Provide appropriate exhaust ventilation at places where dust is formed.

Avoid contact with eyes, skin and clothing.

Wear recommended personal protective equipment when handling. (See Section 8)

#### Conditions for safe storage, including any incompatibilities

Store material in a cool, dry, ventilated area, away from excessive heat or sunlight.

Keep from freezing to preserve usefulness.

Keep containers closed when not in use.

Avoid contact with strong acids.



# **Section 8: Exposure Controls/Personal Protection**

#### **Control Parameters**

	Exposure Limits	
Component	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)
Calcium Carbonate or Dolomite (limestone)	15 <sup>(T)</sup> 5 <sup>(R)</sup>	10 <sup>(T)</sup>
Mica	20 mppcf	3
Talc (non-asbestiform)	20 mppcf	2
Perlite	15 <sup>(T)</sup> 5 <sup>(R)</sup>	10 <sup>(T)</sup>
Attapulgite Clay	15 <sup>(T)</sup> 5 <sup>(R)</sup>	10 <sup>(T)</sup>
Sepiolite Clay	15 <sup>(T)</sup> 5 <sup>(R)</sup>	10 <sup>(T)</sup>
Smectite Clay	15 <sup>(T)</sup> 5 <sup>(R)</sup>	10 <sup>(T)</sup>
Crystalline Silica <sup>1</sup>	[(10) / (%SiO2+2)] <sup>(R);</sup> [(30) / (%SiO2+2)] <sup>(T)</sup>	0.025 <sup>(R)</sup>
Polyvinyl Acetate Latex	NE	NE
Ethylene Vinyl Acetate Latex	NE	NE

<sup>1 -</sup> Present as an impurity in raw materials

R- Respirable Dust

NE- None Established

Mppcf – million particles per cubic foot

## **Exposure Controls**

#### **Appropriate Engineering Controls**

Work/Hygiene Practices: Utilize methods to minimize dust production. Use sanders equipped with vacuum capabilities whenever possible. Utilize a light water spray when feasible.

Ventilation: Provide local and general exhaust ventilation sufficient to maintain a dust level below the PEL/TLV.

#### **Personal Protective Equipment**

#### **Respiratory Protection**

A NIOSH approved particulate respirator is recommended in poorly ventilated areas or if the PEL/TLV is exceeded. OSHA's 29 CFR 1910.134 (Respiratory Protection Standard) must be followed whenever work conditions require respirator use.

#### **Eye Protection**

Safety glasses or goggles.

#### Skin

Gloves, protective clothing and/or barrier creams may be utilized if conditions warrant.

# **Section 9: Physical and Chemical Properties**

(a) Appearance: A white to gray paste

(b) Odor: Mild latex initially, Low to none after opening

(c) Odor threshold: Not available

(d) pH: 7-9

(e) Melting point/freezing point: Not Available

(f) Initial boiling point and boiling range: Not Available

(g) Flash point: Not available(h) Evaporation rate: Not available

(i) Flammability (solid, gas): Not flammable

(j) Upper/lower flammability or explosive limits: Not available

T-Total Dust

# SDS No. GB-5002 Ready Mix Joint Compounds

(k) Vapor pressure: Not available (l) Vapor density: Not available (m) Relative density: ~1.0-1.8

(n) Solubility(ies): slightly soluble in water

(o) Partition coefficient: n-octanol/water: Not available

(p) Auto-ignition temperature: Not available (q) Decomposition temperature: 825°C

(r) Viscosity: Not available

(s) Volatile organic compound (VOC) content: <2 g/l

# Section 10: Stability and Reactivity

**(b) Chemical stability:** Stable in dry environments **(c) Possibility of hazardous reactions:** None known

(d) Conditions to avoid (e.g., static discharge, shock, or vibration): None known

(e) Incompatible materials: Strong acids

(f) Hazardous decomposition products: None known. Above 825° C limestone (CaCO<sub>3</sub>) decomposes to calcium oxide (CaO) and carbon dioxide.(CO<sub>2</sub>)

# **Section 11: Toxicological Information**

#### **Information on Toxicological effects**

# Information on likely routes of exposure

**Ingestion** Possible abdominal obstruction.

Inhalation Dust may irritate respiratory system. Chronic exposure may result in lung disease. (See below)

**Skin contact** May cause irritation, rash, itching, or dermatitis.

**Eye contact** Dust may cause mechanical irritation.

#### Symptoms related to the physical, chemical and toxicological characteristics

Acute exposure to airborne dust concentrations in excess of the PEL/TLV may result in coughing, dyspnea, wheezing, and a burning irritation of the nose, throat, and upper respiratory tract, along with possible impaired pulmonary function. Chronic exposures may result in lung disease. (Silicosis and/or lung cancer)

### **Toxicological data**

No toxicological data is available for this product. Toxicological information for components of this product listed below.

Not available Acute toxicity Skin corrosion/irritation Not available Serious eye damage/eye irritation Not available Skin sensitization Not available Respiratory sensitization Not available Sensitization Not available Mutagenicity Not available Not available Carcinogenicity

This product contains crystalline silica (quartz) as a naturally occurring impurity in some of the raw materials. The International Agency for Research on Cancer (IARC) classifies crystalline silica inhaled in the form of quartz or cristobalite from occupational sources as carcinogenic to humans, Group 1. The National Toxicology Program (NTP) classifies respirable crystalline silica as a substance which may be reasonably anticipated to be a carcinogen. OSHA does not regulate crystalline silica as a human carcinogen.

Some products may contain attapulgite clay. IARC classifies attapulgite (long fiber) carcinogenic to humans, Group 2B. Attapulgite is not classified as a carcinogen by NTP or OSHA.

Exposures to respirable crystalline silica are not expected during the recommended use of this product. However, actual levels must be determined by workplace Industrial Hygiene testing.

Reproductive effects Not available

Specific target organ toxicity -

single exposure Not available
Aspiration toxicity Not available



# **Section 12: Ecological Information**

(a) Ecotoxicity (aquatic and terrestrial, where available): This product does not present an ecological hazard to the environment.

(b) Persistence and degradability: Unknown

(c) Bioaccumulative potential: Limestone is a naturally occurring mineral. Biodegradation and/or bioaccumulation potential is not applicable.

(d) Mobility in soil: Unknown

(e) Other adverse effects (such as hazardous to the ozone layer): None known

# **Section 13: Disposal Considerations**

This material is not considered a hazardous waste. Dispose of according to Local, State, Federal, and Provincial Environmental Regulations.

#### **Section 14: Transport Information**

This product is not a DOT hazardous material Shipping Name: Same as product name ICAO/IATA/IMO: Not applicable

# **Section 15: Regulatory Information**

All ingredients are included on the TSCA inventory.

**Federal Regulations** 

SARA Title III: Not listed under Sections 302, 304, and 313

**CERCLA:** Not listed **RCRA**: Not listed

**OSHA**: Dust and potential respirable crystalline silica generated during product use may be hazardous.

State Regulations

California Prop 65: Respirable crystalline silica is known to the state of California to cause cancer. Industrial hygiene monitoring during recommended use of this product failed to identify any respirable crystalline silica.

**Canada WHMIS** 

All components of this product are included in the Canadian Domestic Substances List (DSL).

Crystalline silica: WHMIS Classification D2A

#### **Section 16: Other Information**

SDS Prepared by: National Gypsum Company

2001 Rexford Road Charlotte, NC 28211

**Phone Number:** (704) 551-5820

**Date of Preparation:** March 3, 2015

**Revision indicators and Date** 

Effective Date Change: 4/8/2016 Supersedes: 6/1/2015

Format Changes: Added ProForm XP Lite with Dust-Tech



## Section 16: Other Information (Continued)

#### **Key to Abbreviations**

ACGIH American Conference of Governmental Industrial Hygienists CAS **Chemical Abstract Services Number** CFR Code of Federal Regulations DOT Department of Transportation **EPA Environmental Protection Agency HEPA** High Efficiency Particulate Air HCS Hazard Communications Standard **HMIS** Hazardous Material Identification System IARC International Agency for Research on Cancer IATA International Air Transport Association **ICAO** International Civil Aviation Organization International Maritime Organization IMO NIOSH National Institute for Occupational Safety and Health NFPA National Fire Protection Association

NTP **National Toxicology Program** 

Occupational Safety and Health Administration OSHA

PEL Permissible Exposure Limit PPE Personal Protective Equipment TLV Threshold Limit Value TSCA **Toxic Substance Control Act** TWA Time Weighted Average

WHMIS Workplace Hazardous Materials Information System

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This safety data sheet was prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### **Disclaimer of Liability:**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without any warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material, or the results to be obtained for the use thereof.