



# Material Safety Data Sheet

Multi-Flex Tape

MSDS No: GB-1205

Page 1 of 5  
October 27, 2009

Date:

Supersedes Date:

N/A

## 1. PRODUCT AND COMPANY INFORMATION

### Manufacturer Information:

National Gypsum Company  
2001 Rexford Road  
Charlotte, NC 28211

### For Emergency Product Information Call:

Director Quality Services  
(704) 551-5820 - 24 Hour Emergency Response  
Website: [www.nationalgypsum.com](http://www.nationalgypsum.com)

Product Name: **ProForm® Multi-Flex Tape**

Use: A combination of paper joint tape with laminated metal strips used to form an outside or inside corner for gypsum board finishing. 100' rolls.

Chemical Family: Polysaccharide  
Chemical Name: Cellulose (Paper Fibers)  
Formula:  $[C_6H_{10}O_5]_n$

## 2. HAZARDS IDENTIFICATION

Appearance and Odor: White/gray paper with no odor.

**Contains no asbestos.** HMIS Hazard Class No. 1, 0, 0.

### Emergency Overview

This product is not expected to produce any hazards during normal use. Dust generated during mechanical manipulation (sanding, cutting) may cause eye, nose or upper respiratory irritation with prolonged exposure.

### OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

## **2. HAZARDS IDENTIFICATION (CONTINUED)**

### **Potential Health Effects**

Primary Routes of Entry: Inhalation, Dermal contact

Target Organs: Respiratory system, skin, eyes.

Inhalation: Acute exposure to high airborne dust concentrations may result in coughing, dyspnea, wheezing, or general irritation of the nose, throat, and upper respiratory tract.

Skin Contact: Continued and prolonged contact may cause some skin irritation.

Eye Contact: Direct contact of fibers or dust may cause mechanical irritation.

Ingestion: No known adverse effects. May result in obstruction or temporary irritation of the digestive tract if ingested.

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b><u>Component</u></b>	<b><u>CAS-Number</u></b>	<b><u>Weight Percent</u></b>
Cellulose	9004-34-6	>95

## **4. FIRST AID MEASURES**

- **Inhalation:** Remove exposed individual to fresh air immediately. If breathing difficulty persists, seek medical attention.
- **Skin:** Flush and wash skin with soap and water. Utilize lotions to alleviate irritation, if present.
- **Eye:** Do not rub eyes. Immediately flush with water for 15 minutes. Remove contact lenses (if applicable). Seek medical attention if irritation persists.
- **Ingestion:** Not expected to occur. Seek medical attention if ingested.

## **5. FIRE FIGHTING MEASURES**

### **General Fire Hazards**

- None known

### **Extinguishing media**

- Dry chemical, foam, water, fog or spray

### **Protection of firefighters**

- Standard protective equipment and precautions

### **Fire and Explosion Hazards**

- None

### **Hazardous Combustion Products**

- None

**6. ACCIDENTAL RELEASE MEASURES**

No special precautions.

General recommendations:

- Pick up to avoid tripping hazard.
- Waste material is not a hazardous waste. Dispose of in accordance with applicable federal, state, and local regulations.

**7. HANDLING AND STORAGE**

- Avoid contact with eyes, skin and clothing.
- Wear recommended personal protective equipment when handling. (See Section 8)
- Minimize generation of dust.
- Keep dry to preserve usefulness.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Component	Exposure Limits	
	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV (mg/m <sup>3</sup> )
Cellulose	5 <sup>(R)</sup>	10 <sup>(T)</sup>

T- Total Dust

R- Respirable Dust

**Engineering Controls**

- Work/Hygiene Practices: Avoid generating dust.
- Ventilation: Provide local and general exhaust ventilation 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.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:** White/gray paper**Odor:** None**Physical State:** Solid**Ph:** Not Applicable**Solubility (H<sub>2</sub>O):** Not Applicable**Boiling, Freezing, Melting Point:** Not Applicable**Decomposition Temperature:** Not Applicable**Vapor pressure:** Not Applicable**Vapor density:** Not Applicable**Volatile organic compounds (VOC) content:** None**Flammability:** Not Applicable**Flash Point:** Not Applicable**Upper/Lower explosive limits:** Not Applicable**Auto-ignition temperature:** Not Applicable**Partition coefficient: n-octanol/water:** Not Applicable**Evaporation rate:** Not Applicable**Molecular weight:** Not Applicable**Molecular formula:** Not Applicable**Specific Gravity:** Not Applicable**Bulk Density:** Not Applicable**10. STABILITY AND REACTIVITY****Chemical stability:** Stable in dry environments.**Conditions to avoid:** None**Incompatibility:** None**Hazardous decomposition:** None known.**Hazardous polymerization:** Will not occur.**11. TOXICOLOGICAL INFORMATION**

Direct prolonged contact may cause eye or skin irritation.

LD<sub>50</sub>, LC<sub>50</sub>: Not available**12. ECOLOGICAL INFORMATION**

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

**13. DISPOSAL CONSIDERATIONS**

- Dispose of according to Local, State, Federal, and Provincial Environmental Regulations.
- Recycle if possible.

**14. TRANSPORT INFORMATION**

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

**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:** Not listed

**15. REGULATORY INFORMATION (CONTINUED)****Canada WHMIS**

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

**16. OTHER INFORMATION****MSDS Revision Summary**

Effective Date Change: 10/27/09

Supersedes: N/A

Format Changes: ANSI Z400.1-2004

**Key/Legend**

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
HMIS	Hazardous Material Identification System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMO	International Maritime Organization
NIOSH	National Institute for Occupational Safety and Health
NFPA	National Fire Protection Association
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
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 material safety data sheet was prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and with the Workplace Hazardous Materials Information System (WHMIS).

**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.