



# MATERIAL SAFETY DATA SHEET

## Gypsum Board

Revision Date: April 03, 2008

### SECTION 1 PRODUCT AND COMPANY INFORMATION

**Product Names:** PlasterRock<sup>®</sup> - PlasterRock<sup>®</sup> X - PlasterRock<sup>®</sup> MR  
 PlasterRock<sup>®</sup> S - PlasterRock<sup>®</sup> VB

**Manufacturer:** Federal Gypsum Company  
 221 Henry Paint St.  
 Point Tupper, Nova Scotia  
 B9A 1Y8  
 (902) 625-3070 (7am to 5pm EST)  
[www.federalgypsum.com](http://www.federalgypsum.com)

### SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

MATERIAL	Percent (By Weight)	CAS Number	TLV(mg/m <sup>3</sup> )	PEL(mg/m <sup>3</sup> )
Gypsum (Calcium Sulfate)	>75	10101-41-4	10	15(T) / 5(R)
Cellulose	<15	9004-34-6	10	15(T) / 5(R)
Crystalline Silica	<5	14808-60-7	0.05(R)	0.1(R)
Starch	<5	9005-25-8	15	15(T) / 5(R)
<u>May also contain:</u>				
Fiberglass	<1	65977-17-3	N/A	15(T) / 5(R)
Potassium Sulfate	<5	7778-80-5	NE	NE
Vermiculite	<5	1318-00-9	10	NE
Waterproofing Emulsion <sup>(1)</sup>	<5	N/A	NE	NE

1. No hazardous ingredients as regulated by the Hazardous Product Act (WHMIS Regulations)

**SECTION 3  
HAZARD IDENTIFICATION**

**Eye Contact:** Airborne dust or direct contact may cause immediate or delayed irritation and/or inflammation. If irritation, redness or other symptoms persist, consult physician.

**Skin Contact:** Gypsum drywall panel dust may cause dry skin and irritation. Prolonged and repeated exposure may lead to dermatitis. Will not penetrate intact skin.

**Inhalation:  
(acute)** Inhalation of drywall dust can irritate the nose, throat, and upper respiratory tract. Symptoms may include nasal irritation, sneezing or coughing, dependant on degree of exposure. If respiratory symptoms persist, consult physician.

**Inhalation:  
(chronic)** This product contains crystalline silica. Prolonged and repeated exposure to airborne respirable crystalline silica can result in lung disease (silicosis) and/or lung cancer. The risk of developing silicosis is dependant on the intensity and duration of the exposure. Respirable crystalline silica exposures are not expected under normal use of this product, but actual levels should be determined through workplace hygiene testing.

**Ingestion:** Do not ingest drywall. Ingestion of drywall may lead to gastric disturbances and intestinal distress.

**SECTION 4  
FIRST AID MEASURES**

**Eye Contact:** Flush thoroughly with water for 15 minutes. Consult physician for abrasions and/or if irritation persists.

**Skin Contact:** Wash with mild soap and water. Hand lotion may be used to treated dry skin areas. Consult physician if cracking and/or irritation persists.

**Inhalation:** Move person to fresh air. Consult physician for discomfort and/or if coughing or other symptoms do not subside.

**Ingestion:** Do not induce vomiting. If conscious, have person drink plenty of water. Consult physician if gastric disturbances occur.

## SECTION 5 FIREFIGHTING MEASURES

<b>General Fire Hazards:</b>	Avoid breathing dust
<b>Extinguishing Media:</b>	Water, or use extinguishing media appropriate to surrounding fire.
<b>Firefighting Equipment:</b>	Wear appropriate personal protective equipment (see section 8).
<b>Fire and Explosion Hazards:</b>	None
<b>Hazardous Combustion Products:</b>	Thermal decomposition above 825°C may yield sulfur oxides and calcium oxide fumes.
<b>Flash Point:</b>	None known
<b>Method Used:</b>	N/A
<b>Upper Flammable Limit (UFL):</b>	N/A
<b>Lower Flammable Limit (LFL):</b>	N/A
<b>Auto Ignition:</b>	N/A
<b>Flammability Classification:</b>	Limited combustible
<b>Rate of Burning:</b>	N/A

## SECTION 6 ACCIDENTAL RELEASE MEASURES

<b>General:</b>	Place broken material in a container. Avoid actions that may cause dust to be airborne. Wear appropriate personal protective equipment (see section 8).
<b>Waste Disposal Method:</b>	Dispose of drywall according to local, provincial/state, and federal regulations.

## SECTION 7 HANDLING AND STORAGE

### Handling:

- Minimize dust generation and accumulation. Avoid breathing airborne dust. Wear appropriate respiratory equipment (see section 8) in poorly ventilated areas and if TLV is exceeded.
- Avoid dust contact with eyes. Wear appropriate eye protection (see section 8).
- When transporting board with forklift or similar equipment, ensure the equipment is rated capable of handling the weight of the load. The forks should always extend completely through the width of the board. Fork spacing between the supports should be one half the length of the panels or base being handled. The load should not exceed 4 feet beyond the supports on either end.
- Follow appropriate building management procedures, such as diverting water from the board so as to avoid the build-up of mold, mildew and fungus. Remove any product from the building that is suspect of being conducive to mold growth.

**SECTION 7  
HANDLING AND STORAGE (continued)**

- Gypsum drywalls panels are heavy and awkward to carry. To avoid potential back injuries, always use proper lifting techniques.

**Storage:**

- Store drywall in a cool, dry, ventilated area away from heat sources, moisture, and imcompatibles (see section 10). Protect from weather and sustained moisture.
- Gypsum Association literature recommends storing board flat to avoid damaging edges, warping the board and the potential safety hazards of the board falling over. However, in other situations, storing the board may cause a tripping hazard or exceed floor limit loads. If stacking the board vertically, leave at least 4 inches from the wall to decrease the risk of falling board, and no more than 6 inches to avoid too much lateral weight against the wall.

**SECTION 8  
EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Engineering Controls:** Use local exhaust methods to maintain dust levels below exposure limits.

**Personal Protective Equipment (PPE):**

**Respiratory Protection:** Wear a NIOSH/MSHA approved respirator equipped with particulate cartridges in dusty and poorly ventilated areas, or if TLV is exceeded

**Eye Protection:** Wear eye protection (safety glasses/goggles) to avoid particulate irritation of the eye.

**Skin Protection:** Wear gloves when handling drywall to reduce the risk of dry skin.

**SECTION 9  
PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Variety of paper colors with off white core

**Physical State:** Solid

**Odor:** Low to no odor

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Specific Gravity (H<sub>2</sub>O=1):** ~0.64 – 0.70

**SECTION 9**  
**PHYSICAL AND CHEMICAL PROPERTIES (continued)**

<b>Evaporation Rate:</b>	N/A
<b>pH (in water):</b>	Neutral (~7)
<b>Boiling Point:</b>	N/A
<b>Freezing Point:</b>	N/A
<b>Viscosity:</b>	N/A
<b>Solubility in Water:</b>	~ 0.2% @ 20°C
<b>Bulk Density:</b>	~39.6 – 44.0 lbs/ft <sup>3</sup>

**SECTION 10**  
**CHEMICAL STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable in dry environments.
<b>Incompatibility:</b>	None known.
<b>Hazardous Polymerization:</b>	None known.
<b>Hazardous Decomposition:</b>	Thermal decomposition above 825°C may yield sulfur oxides and calcium oxide fumes.

**SECTION 11**  
**TOXICOLOGICAL INFORMATION**

For questions regarding toxicological information refer to contact information in Section 1.

**SECTION 12**  
**ECOLOGICAL INFORMATION**

For questions regarding ecological information refer to contact information in Section 1.

**SECTION 13**  
**DISPOSAL CONSIDERATIONS**

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

**SECTION 14  
TRANSPORT INFORMATION**

This product is not classified as a Hazardous Material under U.S. DOT or Canadian TDG regulations.

**SECTION 15  
REGULATORY INFORMATION**

For questions regarding regulatory information refer to contact information in Section 1.

**SECTION 16  
OTHER INFORMATION**

**Abbreviations:**

>	Greater than
<	Less than
<b>CAS</b>	Chemical Abstract Service
<b>DOT</b>	Department of Transportation
<b>EST</b>	Eastern Standard Time
<b>mg/m<sup>3</sup></b>	Milligrams per cubic meter
<b>N/A</b>	Not applicable
<b>NE</b>	Not established
<b>MSHA</b>	Mine Safety and Health Administration
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>PEL</b>	Permissible Exposure Limit
<b>PPE</b>	Personal Protective Equipment
<b>R</b>	Respirable Particulate
<b>T</b>	Total Particulate
<b>TLV</b>	Threshold Limit Value

---

**Manufacturer's Disclaimer:** Information herein is believed to be accurate but not warranted or guaranteed.

---

END