

# MATERIAL SAFETY DATA SHEET

## Gypsum Drywall Panel

Version1

Date Created: January 18, 2012

### SECTION 1 PRODUCT AND COMPANY INFORMATION

**Product Name:**      **Regular Core**                      **Cabot Lite**  
                                 **Type X Core**                              **Cabot Veneer**  
                                 **Moisture Resistant Core**              **Treated Core Sheathing**

**Manufacturer:**      Cabot Gypsum Company  
                                 221 Henry Paint St.  
                                 Point Tupper, Nova Scotia  
                                 B9A 1Y8  
                                 (902) 625-4547 (7am to 4pm EST)  
                                 [www.cabotgypsum.com](http://www.cabotgypsum.com)

### SECTION 2 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.

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

**SECTION 3  
COMPOSITION, INFORMATION ON INGREDIENTS**

<b>MATERIAL</b>	<b>Percent (By Weight)</b>	<b>CAS Number</b>
Gypsum (Calcium Sulfate)	>80	13397-24-5
Cellulose	<10	9004-34-6
Crystalline Silica	<5	14808-60-7
Starch	<5	9004-53-9
May also contain:		
Fiberglass	<1	65977-17-3
Potassium Sulfate	<5	7778-80-5
Vermiculite	<5	1318-00-9

**SECTION 4  
FIRST AID MEASURES**

<b>Eye Contact:</b>	Flush thoroughly with water for 15 minutes. Consult physician for abrasions and/or if irritation persists.
<b>Skin Contact:</b>	Wash with mild soap and water. Hand lotion may be used to treated dry skin areas. Consult physician if cracking and/or irritation persists.
<b>Inhalation:</b>	Move person to fresh air. Consult physician for discomfort and/or if coughing or other symptoms do not subside.
<b>Ingestion:</b>	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.
- 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 incompatibles (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**

	Percent (By Weight)	CAS Number	TLV(mg/m <sup>3</sup> )	PEL(mg/m <sup>3</sup> )
<b>MATERIAL</b>				
Gypsum (Calcium Sulfate)	>80	13397-24-5	10	15(T) / 5(R)
Cellulose	<10	9004-34-6	10	15(T) / 5(R)
Crystalline Silica	<5	14808-60-7	0.05(R)	0.1(R)
Starch	<5	9004-53-9	15	15(T) / 5(R)
May also contain:				
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

**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**

<b>Appearance:</b>	Variety of paper colors with off white core
<b>Physical State:</b>	Solid
<b>Odor:</b>	Low to no odor
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	~0.64 – 0.70
<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**

**Stability:** Stable in dry environments.  
**Incompatibility:** None known.  
**Hazardous Polymerization:** None known.  
**Hazardous Decomposition:** None known.

**SECTION 11  
TOXICOLOGICAL INFORMATION**

**Irritation:** Inhaling high concentrations of dust, during installation of product, may cause coughing and mild temporary irritation. Dust from this product is irritating to the eyes as a foreign object. Contact with dust from this product may be irritating to the skin.

**Corrosivity:** Not applicable  
**Sensitization:** Not applicable  
**Neurological Effects:** Not applicable  
**Genetic Effects:** Not applicable  
**Reproductive Effects:** Not applicable  
**Developmental Effects:** Not applicable  
**Target Organ Effects:** Lungs.

**SECTION 12  
ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not applicable  
**Persistence/Degradability:** Not available  
**Bioaccumulation/Accumulation:** Not applicable  
**Mobility:** Not available

**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**

<b>Shipping Name</b>	Same as product name.
<b>Hazard Class</b>	Not classified.
<b>UN/NA #</b>	None. Not classified.
<b>Packing Group</b>	None.
<b>Label (s) Required</b>	Not applicable.
<b>GGVSec/MDG-Code</b>	Not classified.
<b>ICAO/IATA-DGR</b>	Not applicable.
<b>RID/ADR</b>	None.
<b>ADNR</b>	None.

**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

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END