

## SAFETY DATA SHEET

### Section 1: Identification

#### 1.1 Product identifier:

Finishing Products, Powdered Setting Compounds

##### USA Product Names:

CertainTeed LITE Sand Plus 5  
CertainTeed LITE Sand Plus 20  
CertainTeed LITE Sand Plus 45  
CertainTeed LITE Sand Plus 90  
CertainTeed LITE Sand Plus 210  
CertainTeed M2Tech 90  
CertainTeed High Density 20  
CertainTeed High Density 45  
CertainTeed High Density 90  
Easi-Fil Light Repair  
Easi-Fil Heavy Repair

##### Canada Product Names:

CertainTeed LITE Sand Plus 5  
CertainTeed LITE Sand Plus 20  
CertainTeed LITE Sand Plus 45  
CertainTeed LITE Sand Plus 90  
CertainTeed LITE Sand Plus 210  
CertainTeed LITE Sand Plus 300+  
CertainTeed High Density 20  
CertainTeed High Density 45  
CertainTeed High Density 90  
CertainTeed Plaster of Paris  
CertainTeed M2Tech 90  
Easi-Fil Light Repair  
Easi-Fil Heavy Repair

#### 1.2 Recommended Uses:

Drywall finishing

Restrictions on use: Do not use to make a cast over skin.

#### 1.3 Details of the supplier of the Safety Data Sheet:

CertainTeed Gypsum, Inc.  
20 Moores Road  
Malvern, PA 19355  
Web Site: [www.certainteed.com](http://www.certainteed.com)

CertainTeed Gypsum Canada, Inc.  
2424 Lakeshore Road West,  
Mississauga, Ontario, Canada  
L5J 1K4  
Web Site: [www.certainteed.com](http://www.certainteed.com)

#### 1.4 Emergency telephone number:

In case of an emergency call Team-1 Environmental Services Inc.  
1-800-32 SPILL; 1-800-327-7455 (24 hrs)

### Section 2: Hazards Identification

#### 2.1 Classification of the substance or mixture:

Eye irritation Cat. 2A

#### 2.2 Label elements:



Warning

Causes serious eye irritation.

Prevention

Wash hands and exposed skin thoroughly after handling.

Wear eye protection (safety goggles) and protective gloves.

Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### 2.3 Other hazards:

Mixing with water generates heat which can cause thermal burns to eyes and skin.  
Exposures to dusts may cause irritation to the eyes and upper respiratory tract.

#### 2.4 Other hazard classifications:

USA: This material is considered a hazardous chemical by the OSHA Hazard Communication Standard 29 CFR 1910.1200 (2012).

Canada: WHMIS 1988: D2B – Other toxic effects (eye and skin irritation).

**SAFETY DATA SHEET****Section 3: Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt. %</u>
Calcium sulfate hemihydrate (Plaster of Paris)	26499-65-0	60 - 80
Limestone	1317-65-3	10 - 15
Expanded Perlite	93763-70-3	5 - 10

**Section 4: First Aid Measures****4.1 Description of first aid measures:**

**Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If exposed or concerned: Get medical advice/attention.

**Eye Contact:** If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists get medical advice/attention. In case of thermal burns, get medical attention immediately.

**Skin Contact:** If on skin, wash with plenty of soap and water. If skin irritation or rash occurs get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Ingestion:** If swallowed, call a POISON CENTER or doctor. Never give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Have victim rinse mouth thoroughly with water. Do not induce vomiting.

**4.2 Most important symptoms / effects acute and delayed:**

**Inhalation:** Exposures to airborne dust may cause irritation to the upper respiratory tract; symptoms of exposure may include sneezing, coughing and sore throat.

**Eye Contact:** Dust particles combine with moisture in the eye generating heat. Heat may be sufficient to cause irritation and possible thermal burns. Product will harden following contact with moisture and may form solid, abrasive clumps in the eye.

**Skin Contact:** Mixing with water will generate some heat which may burn skin. Follow label directions for mixing with water. Prolonged skin contact may be abrasive to the skin.

**Ingestion:** Swallowing is not expected under normal conditions of use. If swallowed, product will harden following contact with moisture; may cause blockage of upper intestinal tract. Swallowing may cause thermal burns to the mouth and throat.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Thermal burns to eyes and/or skin require immediate medical attention.

**Section 5: Firefighting Measures****5.1 Extinguishing media:**

Use water and other extinguishing media appropriate to the surrounding fire conditions.

**5.2 Special hazards arising from the substance or mixture:**

Product is not flammable and does not support combustion.

Under fire conditions product may decompose into sulfur oxides, calcium oxide and carbon dioxide at very high temperatures (>800°C / 1475°F).

**5.3 Advice for firefighters:**

As for any fire, evacuate the area and fight the fire from a safe distance. Firefighters must wear full protective equipment including self-contained breathing apparatus with chemical protection clothing when firefighters are exposed to decomposition products from this material.

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### Section 6: Accidental Release Measures

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

Wear adequate personal protective equipment, including an appropriate respirator as indicated in Section 8. Isolate spill area, preventing entry by unauthorized persons. Ventilate the spill area if airborne dust is present.

#### 6.2 Environmental precautions:

Prevent releases into the environment.

#### 6.3 Methods and material for containment and cleaning up:

Use methods that avoid raising dust in the air. Scoop or shovel spilled material or vacuum dust with equipment fitted with a HEPA filter and place in a closed, labelled waste container. Small spills may be picked up with a damp cloth or mop.

### Section 7: Handling and Storage

#### 7.1 Precautions for safe handling:

Wear protective equipment suitable to the workplace where this product is handled.

Avoid breathing airborne dusts.

Minimize dust generation and accumulation.

Wear protective goggles and gloves.

In workplaces where occupational exposure limits are exceeded, wear appropriate respiratory protection. (See Section 8).

Read the label and follow the directions for mixing.

Do not eat, drink or smoke in the workplace where this product is handled.

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

Store in dry conditions and protected from weather. Protect from freezing and extreme heat.

Protect from moisture and humidity.

Keep out of reach of children.

### Section 8: Exposure Controls / Personal Protection

#### 8.1 Control parameters:

**Occupational Exposure Limits:** Consult local authorities for acceptable exposure limits.

<u>Ingredient</u>	<u>ACGIH TLV (8-hr. TWA)</u>	<u>U.S. OSHA PEL (8-hr. TWA)</u>	<u>Ontario (Canada) TWAEV</u>
Calcium sulfate	10 mg/m <sup>3</sup> (inhalable)	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable)	Refer to ACGIH TLV
Perlite	TLV withdrawn	Not established	10 mg/m <sup>3</sup> Particulate matter containing no asbestos and <1% crystalline silica
Limestone	Not established	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)	Not established
Crystalline silica (Quartz)	0.025 mg/m <sup>3</sup> (respirable)	quartz (total dust): 30 mg/m <sup>3</sup> / (%SiO <sub>2</sub> + 2) quartz (respirable): 10 mg/m <sup>3</sup> / (%SiO <sub>2</sub> + 2)	0.1 mg/m <sup>3</sup> (respirable, quartz) Designated Substance in Ontario

#### 8.2 Exposure controls:

**Engineering Controls:** General ventilation is adequate for application of product in its original form. If airborne particulates are generated, monitor dust concentrations in air and provide local exhaust ventilation when any exposure guideline is exceeded.

If engineering controls and work practices are not effective in controlling exposure to this material or if adverse health symptoms are experienced, then wear suitable personal protection equipment including approved respiratory protection. Have appropriate equipment available for use in emergencies such as spills or fire.

**Personal Protection:** Workers must comply with the Personal Protective Equipment requirements of the workplace in which this product is handled.

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### Section 8: Exposure Controls / Personal Protection, continued

**Eye/Face Protection:** Wear safety goggles.

**Skin Protection:** Wear protective gloves.

**Respiratory Protection:** When dust concentrations in air exceed the occupational exposure guidelines, always take the following precautions:

- Wear a NIOSH approved dust respirator.
- Maintain adequate ventilation and air circulation.
- Warn others in the area.
- Use a NIOSH approved respirator when dust levels exceed any of the exposure guidelines listed in the table above.

A respiratory protection program that meets the regulatory requirement, such as OSHA's 29 CFR 1910.134, ANSI Z88.2 or Canadian Standards Association (CSA) Standard Z94.4, must be followed whenever workplace conditions warrant a respirator's use.

**Other Protection:** Have a safety shower and eyewash fountain readily available in the work area.

### Section 9: Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties:

<b>Appearance:</b>	Solid; white to light grey powder
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not applicable
<b>pH:</b>	7 (aqueous slurry)
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial boiling point and boiling range:</b>	Not applicable
<b>Flash point:</b>	Not applicable
<b>Flammability:</b>	Not flammable or combustible
<b>Auto-ignition temperature:</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not applicable
<b>Explosive properties:</b>	Not applicable
<b>Oxidising properties:</b>	Not applicable
<b>Sensitivity to mechanical impact:</b>	Not applicable
<b>Sensitivity to static discharge:</b>	Not available
<b>Vapor pressure:</b>	Not applicable
<b>Vapor density:</b>	Not applicable
<b>Relative density:</b>	Not available
<b>Solubility (ies):</b>	Low solubility in water
<b>Partition coefficient (n-octanol/water):</b>	Not applicable
<b>Decomposition temperature:</b>	825°C (1517°F) for limestone
<b>Viscosity:</b>	Not applicable

### Section 10: Stability and Reactivity

#### 10.1 Reactivity:

Not classified for reactivity hazards. Mixing with water generates heat.

#### 10.2 Chemical Stability:

Stable at normal ambient and anticipated storage and handling conditions.

#### 10.3 Possibility of Hazardous Reactions:

None known.

#### 10.4 Conditions to Avoid:

Avoid unintended contact with water/moisture.

#### 10.5 Incompatible Materials:

Strong acids - Incompatible with strong acids (HF); may react vigorously. Reaction with acids generates carbon dioxide gas.

#### 10.6 Hazardous Decomposition Products:

Calcium oxide may form if product is exposed to extreme heat 825°C (1517°F).

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### Section 11: Toxicological Information

#### 11.1 Information on toxicological effects:

##### Acute Health Effects:

**Inhalation:** Data not available.

**Ingestion:** Data not available.

**Skin:** Data not available.

**Eye:** Particulates in the eye may cause irritation by mechanical action.

##### Acute Toxicity Data

Acute toxicity estimate (oral) of the mixture: >6400 mg/kg (rat) based on data for the component substances.  
Low dermal and inhalation acute toxicity based on evidence from animal tests.

##### Chronic Health Effects:

**Inhalation:** Prolonged and repeated breathing of high concentrations of nuisance dusts may cause pulmonary fibrosis.

##### Sensitization:

Not known to be a skin or respiratory sensitizer.

##### Neurological Effects:

Data not available

##### Genetic Effects:

Data not available

##### Reproductive Effects:

Data not available

##### Developmental Effects:

Data not available

##### Target Organ Effects:

None known

##### Carcinogenicity:

Analytical results from samples of bulk product did not detect crystalline silica in the samples. May contain trace amounts (<0.1%) of total Crystalline Silica.  
The International Agency for Research on Cancer (IARC) has concluded that respirable Crystalline Silica in the form of quartz or cristobalite from occupational sources should be classified as carcinogenic to humans (Group 1). ACGIH has listed crystalline silica in the form of quartz or cristobalite as A2: Suspected human carcinogen.  
Crystalline silica, respirable size, is an OSHA carcinogen and is listed in the Report on Carcinogens by NTP (National Toxicology Program) as Known to be a human carcinogen.

##### Medical Conditions Aggravated by Exposure:

None known

##### Interactions With Other Chemicals:

Not available

### Section 12: Ecological Information

#### 12.1 Toxicity:

Ecotoxicity data are not available.

#### 12.2 Persistence and degradability:

Not available

#### 12.3 Bioaccumulative potential:

Not available

#### 12.4 Mobility in soil:

Not available

#### 12.5 Other adverse effects:

Not available

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### Section 13: Disposal Considerations

#### 13.1 Waste treatment methods:

Do NOT discharge into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage.

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user. Dispose of contents/container in accordance with local, regional, national and international regulations.

### Section 14: Transport Information

#### 14.1 UN Number

Not regulated by international transport regulations (IMDG, UN Model Regulations).

#### 14.2 UN proper shipping name

Not applicable

#### 14.3 Transport hazard class(es)

Not applicable

#### 14.4 Packing group

Not applicable

#### 14.5 Environmental hazards

Not available

#### 14.6 Special precautions for user

Not available

#### 14.7 U.S. Hazardous Materials Regulation (DOT 49CFR):

Not regulated

#### 14.8 Canada Transportation of Dangerous Goods (TDG) Regulations:

Not regulated

### Section 15: Regulatory Information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

##### Analytical results for hazardous substances:

Crystalline silica, quartz (14808-60-7): None detected in NIOSH method 7500 of bulk sample by XRD.

Asbestos fibers: None detected in Asbestos fibers analysis by polarized light microscopy (EPA/600/R-93/116 & EPA/600/M4-82-020)

##### USA

##### TSCA Status:

Substances are listed on the TSCA inventory or are exempt.

##### OSHA HazCom 2012 Hazards:

Eye irritation Cat. 2A; Causes serious eye irritation.

##### Canada

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations* (WHMIS 1988).

##### WHMIS Classification:

WHMIS 1988: D2B

WHMIS 2015: Eye irritation Cat. 2A; Causes serious eye irritation.

##### NSNR Status:

Component substances are listed on the on the DSL or are exempt.

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### Section 16: Other Information

**Revision date:**

April 30, 2015

**References and sources for data:**

CCOHS, Cheminfo  
RTECS, Registry of Toxic Effects of Chemical Substances  
NIOSH, Pocket Guide to Chemical Hazards.

**Methods for classification of mixtures:**

USA: Haz Com Standard 29 CFR 1910.1200 (2012)  
Canada: Controlled Products Regulations.  
UNECE, Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

**Legend to abbreviations:**

ACGIH – American Conference of Governmental Industrial Hygienists  
GHS- Globally Harmonized System for Classification and Labeling.  
OEL– Occupational exposure limit  
OSHA - Occupational Safety and Health Administration  
TWA – Time weighted average  
TLV - Threshold Limit Value  
WHMIS – Workplace Hazardous Materials Information System.

**Additional information:**

Information listed is believed to be accurate but not warranted or guaranteed.