

### Section 1.0 - Identification

<b>Product(s) Identifier</b>	<b>Extremegreen™</b> Fire Rated Wallboard <b>Extremegreen™</b> Fire Rated Exterior Sheathing <b>Extremegreen™</b> Fire Rated Sub-flooring <b>Extremegreen™</b> Smooth Lap Siding <b>Extremegreen™</b> Wood Grain Lap Siding <b>Extremegreen™</b> Soffits <b>Extremegreen™</b> Backer
<b>Manufacturer:</b>	Extremegreen Building Products, LLC.
<b>Address:</b>	1501 Telegraph Road, Mobile, Alabama, 36611 USA.
<b>Emergency Telephone Number:</b>	+1 (251) 405 4717
<b>Email:</b>	info@extremegreenbp.com
<b>Website:</b>	www.extremegreenbp.com
<b>Recommended Use:</b>	Exterior/interior structural/non-structural sheathing, wallboard, floor underlay, roof decking/underlay, tile backerboard, fire resistant wall assemblies.
<b>Recommended Restrictions:</b>	Use in accordance with manufacturer's recommendations. See material storage, handling and installation manual.

### Section 2.0 - Hazard(s) Data

<b>Emergency Overview:</b>	Prolonged exposure to dust whilst cutting may be irritating to eyes, nose and throat. Score and snap generates less dust.
<b>Routes of Entry:</b>	Skin: None Eyes: Dust and chip form. Inhalation: Dust and chip form. Digestions: Dust and chip form.
<b>Health Hazards (Acute and Chronic):</b>	Eyes: Dust and chip form - irritation hazard. Inhalation: Dust and chip form - No hazard. Skin: Fiberglass mesh may cause itching/irritation when cut. Ingestion: No known hazard.
<b>Carcinogenicity:</b>	Not classified as a carcinogen. No known toxicity effects.
<b>Signs and Symptoms of Exposure:</b>	Skin: None. Eyes: Irritation. Inhalation: Coughing. Ingestion: None.
<b>Medical Conditions Generally Aggravated by Exposure:</b>	Asthma: Inhalation exposure of dust.

### Section 3.0 - Composition / Information on Ingredients

Chemical Name	%
<b>Magnesium Oxide (MgO)</b>	42 - 61.5%
<b>Magnesium Chloride (MgCl<sub>2</sub>)</b>	35 - 56%
<b>Perlite</b>	1 - 6%
<b>Recycled Filtered Wood Shavings</b>	2 - 7%
<b>Phosphate (PO<sub>4</sub>)</b>	1 - 3%
<b>Fiberglass Mesh</b>	1 - 3%

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**Section 4.0 - First Aid Measures**


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**Emergency and First Aid Procedures:**

Skin: Wash with soap and water.  
 Eyes: Check for and remove any contact lenses. Immediately flush eyes with clean water. Contact physician if irritation persists.  
 Inhalation: Move to fresh air environment. Contact physician if irritation persists.  
 Ingestion: Rinse mouth and seek medical attention if symptoms occur.

**Section 5.0 - Fire Fighting Measures**


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**Flash Point:**

Solid - Non-Flammable - Non-Combustible.

**Flammable Limits:**

Solid - Non-Flammable - Non-Combustible.

**LEL:**

Solid - Non-Flammable - Non-Combustible.

**UEL:**

Solid - Non-Flammable - Non-Combustible.

**Extinguishing Media:**

Non-Flammable - Non-Combustible. Product does not ignite. Use fire extinguishing media appropriate for surrounding materials.

**Special Fire Fighting Procedures:**

Local surfaces may be cooled with water, but product will not be hot to the touch even after intense heat exposure.

**Unusual Fire and Explosion Hazards:**

None.

**Section 6.0 - Accidental Release Measures**


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**Steps to be Taken in Case Material is Released or Spilled:**

Dust and chips shall be swept, scooped or vacuumed and removed.

**Personal Precautions, Protective Equipment and Emergency Procedures:**

See Section 8 of the SDS for Personal Protective Equipment.

**Methods and Materials for Containment and Cleaning Up:**

No specific clean-up procedure noted. For waste disposal, see Section 13.0 of the SDS.

**Section 7.0 - Handling and Storage**


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**Precautions and Safe Handling:**

Use work methods that minimize the creation of dust. Try to avoid the inhalation of dust wherever possible. Wear appropriate personal protective equipment. Wash hands after use. Observe good industrial hygiene practices. Ensure that forklift or similar equipment is rated as capable of lifting and moving loads. Forks should extend completely under the entire load. Forks should be extended as wide as practical.

Extremegreen boards are heavy, awkward loads and pose the risk of severe back injury. Always use proper lifting techniques.

**Storage:**

Extremegreen board should be stored in a cool dry environment and should remain in the manufacturer's packaging bearing the brand name and manufacturer's logo and Listing Number until ready for use. Extremegreen board should be stored on the manufacturer's pallets off the ground and away from standing water. Cover with a waterproof material when stored outdoors or on site to protect against weather, direct sunlight, surface contamination and construction traffic.

**Waste Disposal Method:**

Follow local laws and regulations.

**Precautions to be Taken in Handling and Storing:**

Protective gloves to be worn to prevent skin irritation. Take care not to touch eyes during handling of material.

**The Protective Measures:**

None.

**Section 8.0 - Exposure Controls/Personal Protection**


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<b>Skin Protection:</b>	Protective gloves and/or clothing.
<b>Industrial Hygiene Practices:</b>	It is a good industrial hygiene practice to minimize direct skin contact for extended periods of time wherever possible.
<b>Eye Protection:</b>	Safety glasses or goggles.
<b>Respiratory Protection:</b>	Approved dust mask or respirator.
<b>Ventilation:</b>	General under standard conditions. Local exhaust/extraction is recommended in high dust environments.
<b>Other Protective Clothing or Equipment:</b>	None.
<b>Work/Hygenic Practices:</b>	General clean-up after exposure. Score and snap generates less dust than sawing, thus minimizing nuisance dust.

**Occupational Exposure Limits  
US OSHA Table Z-1 Limits for Air Contaminants**


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Components	CAS #	OSHA PEL Value	Form
Magnesium Oxide	1309-48-4	15 mg/m <sup>3</sup>	Nuisance particulate
Perlite	130885-09-5	5 mg/m <sup>3</sup>	Nuisance dust
Fiberglass Mesh	65997-17-3	15 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	Total dust Respirable fraction

**US ACGIH Threshold Limit Values**


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Components	CAS #	ACGIH-TLV Value	Form
Magnesium Oxide	1309-48-4	10 mg/m <sup>3</sup>	Nuisance particulate
Perlite	130885-09-5	10 mg/m <sup>3</sup>	Total nuisance dust
Fiberglass Mesh	65997-17-3	5 mg/m <sup>3</sup> 1 f/cc	Inhalable Respirable fibers

**Section 9.0 - Physical/Chemical Characteristics**


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<b>Appearance</b>	Solid sheet material.
<b>Physical State:</b>	Solid.
<b>Form:</b>	Board/panel
<b>Color:</b>	White/off white.
<b>Odor:</b>	None.
<b>Odor Threshold:</b>	Not applicable.
<b>pH:</b>	Non-Soluble.
<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>Evaporation Rate:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	Not applicable.



<b>Upper/Lower Flammability or Explosive Limits:</b>	Not applicable.
<b>Flammability Limit - Lower (%)</b>	Not applicable.
<b>Flammability Limit - Upper (%)</b>	Not applicable.
<b>Explosive Limit - Lower (%)</b>	Not applicable.
<b>Explosive Limit - Upper (%)</b>	Not applicable.
<b>Vapor Pressure:</b>	Not applicable.
<b>Vapor Density:</b>	Not applicable.
<b>Density:</b>	55-60 lb/ft <sup>3</sup>
<b>Solubility (Water):</b>	Non-soluble.
<b>Partition Coefficient (n-octanol/water)</b>	Not applicable.
<b>Auto-Ignition Temperature:</b>	Not applicable.
<b>Decomposition Temperature:</b>	Unknown.
<b>Viscosity:</b>	Not applicable.
<b>Bulk Density:</b>	55-60 lb/ft <sup>3</sup>
<b>Particle Size:</b>	Varies.
<b>VOC (Weight %)</b>	0%

#### **Section 10.0 - Stability and Reactivity**

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<b>Reactivity:</b>	Not available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid:</b>	No know conditions.
<b>Incompatible Materials:</b>	No known substances.
<b>Hazardous Decomposition Products:</b>	No known conditions.

#### **Section 11.0 - Toxicological Information**

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##### **Information on Likely Routes of Exposure**

<b>Ingestion:</b>	Not likely due to form of product.
<b>Inhalation:</b>	Mechanical sawing may generate dust. Dust has an irritant action on mucous membranes of the upper respiratory tract and eyes.
<b>Skin Contact:</b>	Under normal conditions of intended use, this material does not pose a skin hazard.
<b>Eye Contact:</b>	Mechanical sawing may generate dust. Direct contact with eyes may cause temporary irritation.
<b>Symptoms Related to the Physical, Chemical and toxicological Characteristics:</b>	Under normal conditions of intended use, this material does not pose a risk to health.

##### **Information on Likely Toxicological Effects**

<b>Acute Toxicity:</b>	Non-hazardous.
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**Section 12.0 - Ecological Information**


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<b>Ecotoxicity:</b>	The product components are not classified as environmentally hazardous.
<b>Bioaccumulative Potential:</b>	Not applicable.
<b>Persistence and Degradability:</b>	Not applicable.
<b>Mobility in Soil:</b>	Not applicable.
<b>Other Adverse Effects:</b>	None known.

**Section 13.0 - Disposal Considerations**


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<b>Disposal Instructions:</b>	Dispose of in accordance with applicable federal, state and local regulations. Recycle responsibly.
<b>Local Disposal Regulations:</b>	Dispose of in accordance with local regulations. Recycle responsibly.
<b>Hazardous Waste Code:</b>	Not applicable.
<b>Waste from Residues/Unused Products:</b>	Dispose of in accordance with local regulations. Recycle responsibly.
<b>Contaminated Packing:</b>	Dispose of in accordance with local regulations. Recycle responsibly.

**Section 14.0 - Transport Information**


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<b>DOT</b>	Not regulated as dangerous goods. Non-hazardous.
<b>IATA</b>	Not regulated as dangerous goods. Non-hazardous.
<b>IMDG</b>	Not regulated as dangerous goods. Non-hazardous.
<b>Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable. Product is solid, therefore bulk transport is governed by IMSBC Code.

**Section 15.0 - Regulatory Information**


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<b>DOT</b>	Not regulated as dangerous goods. Non-hazardous.
<b>IATA</b>	Not regulated as dangerous goods. Non-hazardous.
<b>IMDG</b>	Not regulated as dangerous goods. Non-hazardous.
<b>Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable. Product is solid, therefore bulk transport is governed by IMSBC Code.

**Section 16.0 - Other Information, Including Date of Preparation or Last Revision**


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This material is categorized as NON-HAZARDOUS for transportation purposes. The information contained herein is accurate to the best of all available knowledge at the time of printing. Hazardous conditions due to alterations of the material have not been established. The information contained in the Safety Data Sheet is furnished in good faith and without warranty, representations, or inducement of license of any kind, except that it is accurate to the best of Extremegreen Building Products, LLC's knowledge, or was obtained from sources believed by Extremegreen Building Products, LLC to be reliable. The accuracy, adequacy or completeness of health and safety precautions set forth herein cannot be guaranteed, and the buyer is solely responsible for ensuring that the product is used, handled, stored and disposed of safely and in compliance with applicable local laws and regulations. Extremegreen Building Products, LLC disclaims any liability for loss, damage or personal injury that arises from, or is in any way related to the use of the information contained in this Safety Data Sheet.