



SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Prime Gro (All Grades), Peatwool (I and II)		[WHMIS Classification] Not Applicable	
Product Use Professional greenhouse soilless mix.			
Manufacturer's Name Therm-O-Rock East, Inc.		Supplier's Name	
Street Address 1 Pine Street		Street Address	
City New Eagle	Province PA	City	Province
Postal Code 15067	Emergency Telephone 724-258-3670	Postal Code	Emergency Telephone
Date MSDS Prepared 9-30-2013	MSDS Prepared By Stanley R. Slawek	Phone Number (724) 258-3670	

SECTION 2 — HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
Emergency Overview This material is not considered hazardous by the OSHA Hazard Communication Standard. (29 CFR 1910.1200). Inhalation may aggravate asthma, pre-existing dermatitis or sores.
WHMIS Symbols Not Regulated
Potential Health Effects
Eye Contact: Contact with eyes may cause irritation.
Skin Contact: Irritation not expected.
Ingestion: Considered practically non-toxic.
Inhalation: May cause irritation of respiratory tract.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	LD ₅₀ Of Ingredient (specify species and route)	LC ₅₀ Of Ingredient (specify species)	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
Wood Chips, Bark	-	1318-00-9	Not Applicable	Not Applicable	Total: 15 Respirable: 5	Total: 10 Respirable: 5
Perlite Volcanic Glass	-	73763-70-3	Not Applicable	Not Applicable		
Vermiculite	-	1318-00-9	Not Applicable	Not Applicable		
Peat Moss	-		Not Applicable	Not Applicable		

SECTION 4 — FIRST AID MEASURES

Skin Contact Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Eye Contact Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue to rinse eye. Call a poison control center or doctor for treatment advice.
Inhalation Move person to fresh air.

<p>Ingestion</p> <p>Not expected to cause any problems. Do not induce vomiting unless instructed to by the poison control center. Do not give anything to the mouth of an unconscious person.</p>

SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, under which conditions? Slow to combust under fire conditions.	
Means of Extinction Water spray, carbon dioxide, dry chemical, chemical foam.		
Flashpoint (°C) and Method N/A	Upper Flammable Limit (% by volume) N/A	Lower Flammable Limit (% by volume) N/A
Autoignition Temperature (°C) 204-260	Explosion Data — Sensitivity to Impact N/A	Explosion Data — Sensitivity to Static Discharge N/A
Hazardous Combustion Products Products of combustion may contain carbon monoxide, aldehydes and organic acids. Do not enter confined space without self-contained breathing pack.		
NFPA Health-0, Flammability-0, Reactivity-0		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear personal protective equipment.
Methods for containment: Clean up promptly by sweeping or vacuum.
Methods for cleaning up: Flush with water.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment Avoid container breakage.
Storage Requirements Keep containers tightly closed in a cool, well-ventilated place.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input checked="" type="checkbox"/> ACGIH TLV <input checked="" type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (<i>specify</i>)
Specific Engineering Controls (<i>such as ventilation, enclosed process</i>) See section III for specific limits. Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Respirator: If there is a possibility that fine mineral particulates or fiber concentrations may exceed recommended working levels or if respiratory discomfort is experienced, respirators should be worn. Acceptable respirators are those specifically approved by NIOSH for protection against dusts. Eye: Safety glasses, goggles or face shields should be worn whenever fine mineral particulates or fiber materials are being applied overhead or in areas where loose particles or fibers may get into the eyes. Clothing: Wear long-sleeved shirts and loose pants at the neck and wrists, along with long pants and caps will protect skin areas from coming in contact with minerals, bark, peat moss and/or wool fiber. Loose clothing prevents fine mineral particulates or fiber from rubbing into the skin. Gloves: Depending on the job conditions, gloves may be necessary.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Odor and Appearance	Odor Threshold (ppm)
Solid	Light to dark brown. Earthy odor.	N/A
Specific Gravity	Vapor Density (air = 1)	Vapor Pressure (mmHg)
N/A	N/A	N/A
Evaporation Rate	Boiling Point (° C)	Freezing Point (° C)
N/A	N/A	N/A
pH	Coefficient of Water/Oil Distribution	[Solubility in Water]
3.5-7.5	N/A	N/A

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones?
Reactivity and under what conditions? N/A	
Hazardous Decomposition Products N/A	

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	
Inhalation of dust may irritate nose throat and lungs.	
Eye contact with solids may produce irritation, tearing or blinking as a foreign body in the eye.	
Effects of chronic exposure	
No chronic effects known.	
Irritancy of Product N/A	
Skin sensitization N/A	Respiratory sensitization N/A
Carcinogenicity-IARC N/A	Carcinogenicity - ACGIH N/A
Reproductive toxicity N/A	Teratogenicity N/A
Embrototoxicity N/A	Mutagenicity N/A
Name of synergistic products/effects N/A	

SECTION 12 — ECOLOGICAL INFORMATION

Not known to cause any ecological harm.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal
Not considered a hazardous waste. Dispose in accordance with Federal, State and Local regulations.

