

**Fafard, Inc.**  
**1471 Amity Road**  
**Anderson, SC 29621**

**In Case of Emergency, Call 1-800-722-7645**

**1. PRODUCT IDENTIFICATION**

Product Name(s): **Fafard Canadian Sphagnum Peat Moss**  
 Design Code: **Not Assigned**  
 Description: **Soiless Planting Mix**

**Section(s) Revised: 2, 7**

**2. HAZARDS IDENTIFICATION**

Hazards Overview

Dust may cause temporary eye or respiratory irritation.  
 May form flammable dust-air mixture.

Hazardous Decomposition Products

None.

Physical Properties

Appearance: Brownish

Odor: Soil-like

Unusual Fire, Explosion and Reactivity Hazards

None. Burning generates normal products of combustion.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Material	OSHA PEL	ACGIH TLV	Other	NTP/IARC/OSHA Carcinogen
Peat Moss	-----	See Note-----		No

Note: Specific occupational exposure limits have not been set for this ingredient. Fafard recommends applying the current ACGIH TLV for "Particles, Not Otherwise Specified (PNOS). The current TLV is 3 mg/m<sup>3</sup> respirable particles, and 10 mg/m<sup>3</sup> inhalable particles. The current OSHA PEL is 5 mg/m<sup>3</sup> respirable dust and 15 mg/m<sup>3</sup> total dust. Both limits assume the dust contains no asbestos and < 1 % crystalline silica.

#### 4. FIRST AID MEASURES

Have the product container, label or Material Safety Data Sheet with you when calling a poison control center or doctor, or going for treatment.

Ingestion: Drink water to clear throat.

Eye Contact: Rinse eyes with water.

Skin Contact: No harmful effects anticipated.

Inhalation: Blow nose to clear nasal passages.

##### Notes to Physician

No special considerations

##### Medical Condition Likely to be Aggravated by Exposure

None known

#### 5. FIRE FIGHTING MEASURES

##### Fire and Explosion

Flash Point (Test Method): Not applicable

Flammable Limits (% in Air): Not applicable

Autoignition Temperature: Not applicable

Flammability: This material contains a high percentage of organic matter and will burn slowly. If ignited, the interior portion of the pile may continue to burn when the surface fire appears to be extinguished.

##### Unusual Fire, Explosion and Reactivity Hazards

No unusual hazards. Burning generates normal products of combustion. This material is packaged in plastic bags which are far more flammable than the material itself.

##### In Case of Fire

Extinguish with water, CO<sub>2</sub>, dry chemical foam or mud. If plastic bags are burning, treat as an oil fire.

#### 6. ACCIDENTAL RELEASE MEASURES

##### In Case of Spill or Leak

Sweep up or use any other conventional cleaning method. Avoid creating excessive dust.

#### 7. HANDLING AND STORAGE

Avoid creating excessive dust during handling. No special storage requirements.

This material is capable of forming flammable dust clouds in air, which, if ignited, can produce a dust cloud explosion. Flames, hot surfaces and mechanical sparks can serve as ignition sources for this material. Electrical equipment should be compatible with the flammability characteristics of this material.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingestion: Avoid eating, drinking and smoking while handling this product. Wash hands and face before eating, drinking or smoking.

Eye Contact: Assess the exposure potential and wear appropriate eye protection (e.g. safety glasses, dust-proof goggles) against airborne dust.

Skin Contact: Wash hands and face after use. Shower at the end of the day.

Inhalation: Use good handling practices to minimize dust. Use local exhaust ventilation to meet the recommended occupational exposure limit. If exposure is excessive, use any NIOSH Class N95 particulate filter respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brownish

Odor: Soil-like

Melting Point: Not applicable

Boiling Point: Not applicable

Specific Gravity/Density: Not available

pH: Neutral

Solubility in H<sub>2</sub>O

Not applicable

Vapor Pressure

Not applicable

## 10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: None known

Materials to Avoid: None known

Hazardous Decomposition Products: Hazardous decomposition will not occur. Burning produces normal products of combustion.

## 11. TOXICOLOGICAL INFORMATION

No specific toxicity testing has been conducted on this product. All ingredients are classified by ACGIH as "Particles (insoluble or poorly soluble), Not Otherwise Specified (PNOS) and have the following properties: 1) do not have an applicable TLV @, 2) are insoluble or poorly soluble in water; and 3) have low toxicity (i.e. are not cytotoxic, or otherwise chemically reactive with lung tissue, do not emit ionizing radiation, or cause toxic effects other than by inflammation or the mechanism of "lung overload").

Excessive concentrations of PNOS dusts in air can reduce visibility, cause unpleasant deposits of dust in the eyes, ears or nasal passages, and result in temporary irritation. Repeated handling or contact may also result in drying of the skin or slight skin abrasions as might occur with any plant or mineral dust.

## 12. ECOLOGICAL INFORMATION

All ingredients are naturally-occurring plant or mineral materials that present no ecological concerns when

handled in normal planting applications.

**13. DISPOSAL CONSIDERATIONS**

Disposal: Conventional sanitary landfill. Follow Federal, State and Local regulations.

Hazardous Waste Classification: Not applicable

**14. TRANSPORT INFORMATION**

DOT Classification:

Ground/Air Transport – NAFTA  
Not regulated.

Water/Air Transport – International:

Not regulated.

**15. REGULATORY INFORMATION**

EPCRA SARA Title III Classification

Section 311/312/ Hazard Classes: Not applicable

Section 313 Toxic Chemicals: Not applicable

CERCLA/SARA 302 Reportable Quantity (RQ)

Not applicable

RCRA Hazardous Waste Classification (40 CFR 261)

Not applicable

TSCA Status

All ingredients are either listed on the TSCA Inventory or are exempt from listing.

**16. OTHER INFORMATION**

NFPA Hazard Ratings

Health: 1  
Flammability: 1  
Instability: 0

HMIS Hazards Ratings

Health: 1  
Flammability: 1  
Reactivity: 0

0	Minimal
1	Slight
2	Moderate
3	Serious
4	Extreme

For non-emergency questions about this product call: 1-800-722-7645.

Original Issued Date: 4 August 2010

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Replaces:

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End of MSDS.