



1775 52e ave, Lachine
Québec Canada H8T 2Y1

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1. PRODUCT INFORMATION

PRODUCT CODE: V-001

PRODUCT NAME: **Vermiculite**

TRADE NAMES: **Envirofil Holiday Micafil Block Fill** **Envi-green Pool Base Peatlite**

MANUFACTURER: Perlite Canada Inc.
1775-52nd Ave.
Lachine, QC
H8T 2Y1

EMERGENCY NO.
(514) 631-4251

PRIMARY COMPONENTS: Vermiculite is composed of a group of hydrated laminar minerals which are aluminum-iron-magnesium silicates, asbestos free.

2. PRODUCT INGREDIENTS (Not specification values)

	CAS NUMBER	LD ₅₀ oral rating	%	TLV (UNITS) mg/m ³
Vermiculite				
(1) not available	(1)	(1)	99	10
(2) as a nuisance dust				(2)

3. PHYSICAL DATA

BOILING POINT: not applicable VAP DENSITY (AIR = 1): not applicable

VAP PRESSURE (MM HG @ 20°C): not applicable SOLUBILITY IN WATER: insoluble

SPECIFIC GRAVITY: 2.6 % VOLATILE BY VOLUME: not applicable

PHYSICAL STATE: solid

COLOUR AND ODOUR: tan odourless

4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°C): Vermiculite is a fully oxidized non-flammable mineral

FLAMMABLE LIMITS: Non-combustible and non-flammable

EXTINGUISHING MEDIA: Not applicable
FIRE FIGHTING EQUIPMENT: not applicable
FIRE & EXPLOSION HAZARD: none

5. REACTIVITY DATA

STABILITY: stable under normal conditions
INCOMPATIBILITY: compatible with most chemicals
DECOMPOSITION PRODUCTS: none
POLYMERIZATION: hazardous polymerization will not occur

6. TOXICOLOGICAL PROPERTIES

ORAL INGESTION: not toxic
EYE CONTACT: contact with dust may cause mild irritation
SKIN CONTACT: non-irritating
SKIN ABSORPTION: does not occur
INHALATION: could be treated as a nuisance dust; TLV 10 mg/m³
OVEREXPOSURE EFFECT: no specific effects from overexposure

7. FIRST AID MEASURES

EYE CONTACT: flush with flowing water for 15 minutes

8. PREVENTIVE MEASURES

VENTILATION: general ventilation recommended
RESPIRATORY PROTECTION: nuisance dust, respirator if nuisance dust TLV exceeded
SPILL PROCEDURES: sweep-up
DISPOSAL METHOD: dispose in a landfill site in accordance with applicable bylaw

9. SPECIAL PRECAUTIONS OR OTHER COMMENTS

WHMIS CLASSIFICATION: not controlled
T D G SHIPPING NAME: non hazardous

10. PREPARATION INFORMATION

DATE: May 31, 2011	Perlite Canada 1775 -52 nd Avenue Lachine, QC H8T 2Y1	Richard Barabé, geol.Eng. Tel: (514) 631-4251 Fax: (514) 631-4254
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