

# *CanLava Mining Corp.*

## *Tephralite™ “Vesicular Basalt – Black Pumice “Lapillo”*

**ANTI-SLIP™, TEPHRAGRO™, TEPHRALITE™, TEPHRAFILTER™**

### **MATERIAL SAFETY DATA SHEET (070108)**

#### **Section 1 – Product Identification and Use**

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Product Identifier:	Volcanic aggregate, black pumice (lapillo), vesicular basalt/lava, lava sand.
Product Use:	Horticultural, agricultural, industrial, construction, sporting fields.
Manufacturer's Name:	Lightweight Advanced Volcanic Aggregates Inc.
Street Address:	Nazko Quarry
City:	Nazko
Province:	B.C.
Telephone Number:	1-888-617-1797
Supplier's Name:	CanLava Mining Corp.
Street Address:	Unit 203 - 1312 Ketch Court
City:	Coquitlam, V3K 6W1
Province:	B.C.
Emergency Telephone Number:	604-802-4288

#### **Section 2 – Hazardous Ingredients**

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Hazardous Ingredients:	None
Percent:	N/A
CAS Number:	N/A
LD <sub>50</sub> of Ingredient:	N/A
LC <sub>50</sub> of Ingredient:	N/A

#### **Section 3 – Physical Data**

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Physical State:	Solid
Odour and Appearance:	Odourless, irregular particle size with voids (black, grey, red, brown)
Odour Threshold (ppm):	N/A
Vapour Pressure (mm Hg):	N/A
Vapour Density:	N/A
Evaporation Rate:	N/A
Boiling Point (°C):	N/A
Freezing Point (°C):	N/A
pH:	6.2
Specific Gravity:	1.3 to 2.1
Coeff. Water/Oil Dist.:	N/A

#### **Section 4 – Fire and Explosion Data**

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Flammability:	None
Means of Extinction:	N/A
Flashpoint (°C) and Method:	N/A
Upper Flammable Limit:	N/A
Lower Flammable Limit:	N/A
Autoignition Temperature (°C):	N/A
Hazardous Combustion Products:	N/A
Explosion Data	
Sensitivity to Impact:	N/A
Sensitivity to Static Discharge:	N/A

#### **Section 5 – Reactivity Data**

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Chemical Stability:	Stable
Incompatibility with Other Substances:	None
Reactivity and Under What Conditions:	N/A
Hazardous Decomposition Products:	None

#### **Section 6 – Toxicological Properties**

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Route of Entry:	Eye Contact (if severe dusty conditions) Inhalation (if severe dusty conditions)
Effects of Acute Exposure to Product:	No worse than normal soil, sand and gravel
Effects of Chronic Exposure to Product:	Prolonged exposure to dusty conditions may cause respiratory discomfort
Exposure Limits:	None known
Irritancy of Product:	Very mild respiratory discomfort from dust in ventilated area
Sensitization to Product:	Not a sensitizer
Carcinogenicity:	Nothing specific
Teratogenicity:	No evidence
Reproductive Toxicity:	No evidence
Mutagenicity:	No evidence
Synergistic Products:	No evidence

#### **Section 7 – Preventive Measures**

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##### Personal Protective Equipment

Gloves (specify):	Normal working gloves
Respirator (specify):	May be needed in enclosed area
Eye (specify):	Nothing specific
Footwear (specify):	Normal work boots
Clothing (specify):	Normal work clothing
Other (specify):	None
Engineering Controls (specify, e.g. ventilation, enclosed process):	If in an enclosed area, provide exhaust ventilation if dusty conditions persist
Leak and spill procedure:	Not required
Waste Disposal:	No special procedure required
Handling Procedures and Equipment:	No special procedures or equipment required
Special Shipping Information:	No special requirements

### **Section 8 – First Aid Measures**

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Specific Measures: Remove oneself from dusty conditions if experiencing respiratory discomfort in enclosed areas, i.e. ventilated building.

### **Section 9 – Preparation Date of MSDS**

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Prepared by: CanLava Mining Corp.  
Phone number: (888) 617-1797  
Date: December 1, 2013