

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

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

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

Section 3 – Physical Data

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

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

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

Section 6 – Toxicological Properties

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

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

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

Section 9 – Preparation Date of MSDS

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