



Premier Tech Home & Garden
 1900 Minnesota Court, Unit 125 Mississauga,
 ON, L5N 3C9
 TEL (905) 812-8556 FAX (905) 812-2441



P.C.P. Act / CFIA Registration No.: NA **Safety Data Sheet** **Product Code:** 4981210

Section I – Product and company identification

Product's Name

Pro-Mix Perlite

Manufacturer's Name

Premier Tech Home & Garden Inc

Emergency Telephone Number:

1-800-268-2806, option 1

Address

1900 Minnesota Court, Unit 125

Telephone Number for information:

1-800-268-2806

Mississauga, ON, L5N 3C9

Prepared by:

Technical Department

Section II – Hazard Identification

Route(s) of Entry:	Inhalation Possible	Skin Open wounds	Ingestion Not applicable	Eyes Possible
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Carcinogenicity:

Long term exposure (10-15 years) to concentrated quartz dust; present in common soil mix ingredients such as Perlite, gypsum and sand, may cause significant risk of lung damage (silicosis). However, product water content renders significant exposure unlikely under typical use conditions.

Signs and Symptoms of Exposure:

Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membrane and make lungs more vulnerable to respiratory disease.

Section III – Composition, Information and Ingredients

Ingredients	CAS #	Wt. %
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Product Composition:

Perlite	93763-70-3	5 - 11
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Comments : Perlite may contain less than 1% Quartz (CAS # 14808-60-7)

Exposure limits of Dust

OSHA PEL		ACGIH TLV	
Respirable Dust	5 mg/m ³	Respirable Particules	3 mg/m ³
Total Dust	15 mg/m ³	Inhalable Particules	10 mg/m ³

Section IV – Emergency and First Aid Measures

Inhalation: If inhaled, provide fresh air.

Eye contact: Rinse eyes with water.

Skin contact: Keep open wounds covered and clean as suggested by any good hygiene program.

Section V – Fire Fighting Measures

Flash Point (Method Used): Not applicable	Flammable Limits: Not applicable	LEL: ---	UEL: ---
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Extinguishing Media: Water

Unusual Fire and Explosion Hazard : None

Special Fire-Fighting Procedures:

None.

Section VI – Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled: Use methods to clean spill which avoid creating airborne dust. Avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type.

Section VII – Handling and Storage

Handling: Avoid creating excessive dust during handling. Avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type.

Storage: No special storage requirements.

Section VIII – Exposure Control and Personal Protection

Respiratory Protection *(Specify Type)*:

If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

Ventilation:

Local exhaust advisable if excessive dust is created.

Protective Gloves:

Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

Eye Protection:

Protective eyewear should be worn where dust levels are high enough to cause irritation.

Protective Clothing or Equipment:

Normal work clothing.

Work/Hygienic Practices:

NIOSH or MSHA approved respirator, eye protection and ventilation under conditions where excessive dust is created. Open wounds should be kept clean and suitably protected.

Section IX – Physical and Chemical Properties

Physical State:	Solid (granular)	pH	ND
Boiling Point	Not applicable	Specific Gravity (H ₂ O = 1)	1.5
Vapor Pressure (mm Hg)	Not applicable	Melting Point	Not applicable
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate (Butyl Acetate = 1)	Not applicable
Solubility in Water	Not applicable		
Appearance and Odor	Off-white, fine granules		

Section X – Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatibility *(Materials to Avoid)*: None known

Hazardous Decomposition or by Products: None

Hazardous Polymerization: Will not occur

Section XI – Toxicological Information

Acute toxicity

Eye effects: Contact with eyes may cause irritation

Skin effects: May cause skin irritation in susceptible persons

Chronic toxicity

Carcinogenic effects:

NTP
None

IARC
None

OSHA
None

Ingestion: Health injuries are not known or expected under normal use

Inhalation: Health injuries are not known or expected under normal use

Section XII – Ecological Information

Ecotoxicity effects: No known effects.

Persistence and degradability: Inherently biodegradable.

Bioaccumulative potential: Not applicable.

Mobility: The product is insoluble and sinks in water.

Aquatic toxicity: May be beneficial to plant life.

Section XIII – Disposal Information

Disposal: The waste of this product is not defined as hazardous. Dispose of all waste in accordance with federal, state and local regulation.

Hazardous Waste Classification: Not applicable

Section XIV – Transport Information

TDG Classification: Not regulated

DOT Classification: Ground/Air Transport – NAFTA: Not regulated

Water/Air Transport – International: Not regulated

Section XV – Regulatory Information

WHMIS: Not applicable

Other Regulations: CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): The components of this product are on the Domestic Substances List, and are acceptable for use under the provisions of CEPA.

Section XVI – Other Information

Original Issued Date: September 1, 2018

Revision Date:

Additional Information: The information above is accurate and reliable to the best of our knowledge as the date hereof. However, such information is not to be interpreted as representing a warranty or guarantee as to its accuracy and reliability or completeness. No warranty of any kind is given or implied and PREMIER TECH HOME & GARDEN will not be liable for any damages, losses, injuries or consequential damages which may result from the uses or reliance on any information contained. The users must do their own research for the pertinence of the information for specific use. For more information: www.premiertechhomeandgarden.com.
