



PROFILE POROUS CERAMIC (PPC) GREENS GRADE® NATURAL

SDS Number: BLM004

Revision Date: 1/1/17

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

PROFILE Products, LLC
750 LAKE COOK ROAD
SUITE 440
BUFFALO GROVE, IL 60089

Emergency: Emergency Phone: (800) 424-9300 (ChemTrec)
Contact: ChemTrec Acct #: CCN792719
Phone: (847) 215-1144
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Product Name: PROFILE POROUS CERAMIC (PPC) GREENS GRADE® NATURAL
Revision Date: 1/1/17
SDS Number: BLM004
Common Name: N.A.
Product Use: Porous ceramic particle for rootzone nutrient and water retention.

Description: Heat Treated Montmorillonite Clay Mineral.

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Page 2 of 5

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H335 - May cause respiratory irritation

GHS Precautionary Statements:

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

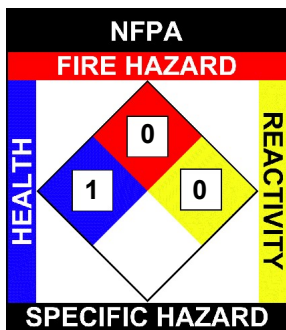
P261 - Avoid breathing dust.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Inhalation: Lungs

Skin Contact: No

NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a



3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
14808607	3-5%	Silica, crystalline quartz

**PROFILE POROUS CERAMIC (PPC) GREENS GRADE® NATURAL**

SDS Number: BLM004

Revision Date: 1/1/17

Page 3 of 5

4 FIRST AID MEASURES

Skin Contact: Wash thoroughly with soap and water.
Eye Contact: Flush thoroughly with water. See a physician if discomfort persists.

5 FIRE FIGHTING MEASURES

Non-flammable and non-hazardous

6 ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers.

7 HANDLING AND STORAGE

Handling Precautions: Steps to be taken in case material is released or spilled: If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers.
Storage Requirements: Store in dry area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment: Respiratory Protection: If dust concentrations exceed recommended Permissible Exposure Limits, use NIOSH- approved dust respirators, with approval TC-21C-xxx, until feasible engineering controls are completed.
Ventilation: Local exhaust or other ventilation that will reduce dust concentrations to less than Permissible Exposure Limits is recommended.
Eye Protection: If high dust concentrations exist, tight-fitting goggles are recommended to reduce dust exposure to the eyes.
Other Protective Equipment: Optional.

Exposure Limits (respirable fraction) in Air:

OSHA & MSHA - PEL	10mg/m ³
	% SiO ₂ + 2 (8-Hour TWA)
ACGIH - TLV	0.05 mg/cubic meter (8-Hour TWA)
NIOSH	0.05mg/cubic meter (10-Hour TWA, 40-hour work week)

Exposure Limits refer to the respirable fraction.

PEL means OSHA Permissible Exposure Limit.

TLV means American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value.

MSHA means Mine Safety and Health Administration Exposure Limit.

TWA means 8 hour Time Weighted Average.



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SDS Number: BLM004

Revision Date: 1/1/17

Page 4 of 5

9

PHYSICAL AND CHEMICAL PROPERTIES**Appearance:** Brown to buff-colored granular particles**Vapor Pressure:** N.A.**Odor:** Negligible**Solubility:** Negligible**Freezing/Melting Pt.:** N.A.**Bulk Density:** 35 lbs/cubic ft.

10

STABILITY AND REACTIVITY**Chemical Stability:** Product is stable under all normal conditions.**Materials to Avoid:** Unreacted polymer monomers**Hazardous Polymerization:** Will not occur.

11

TOXICOLOGICAL INFORMATION

Inhalation- N.E.

Intravenous- Rat - LD50:15mg/kg

Oral - Rat - LD50:3160 mg/kg

12

ECOLOGICAL INFORMATION

Naturally occurring, inorganic, crystalline, absorbent, clay minerals, such as Attapulgite and Montmorillonite, are used in a wide variety of commercial, industrial, and consumer applications. Calcium bentonite and sodium bentonite clays, which are composed mostly of monmorillonite, have been listed for many years as Generally Recognized as Safe (GRAS) by the U.S. Food and Drug Administration (FDA) for use in human food and animal feed.

13

DISPOSAL CONSIDERATIONS

Can be disposed of in an approved disposal facility, in accordance with applicable federal, state, and local regulations. The nature and extent of contamination, if any, may require use of specialized disposal methods.

14

TRANSPORT INFORMATION



PROFILE POROUS CERAMIC (PPC) GREENS GRADE® NATURAL

SDS Number: BLM004

Revision Date: 1/1/17

Page 5 of 5

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Silica, crystalline quartz (14808607) [3-5%] MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

Regulatory CODE Descriptions

MASS = MA Massachusetts Hazardous Substances List
NRC = Nationally Recognized Carcinogens
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
COMPONENT / (CAS/PERC) / CODES

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16	OTHER INFORMATION
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