



SDS

GHS Safety Data Sheet

PROFILE Products, LLC

PROFILE POROUS CERAMIC (PPC) GREENS GRADE® NATURAL

MSDS Number: BLM004

Revision Date: 5/6/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Phone: (847) 215-1144
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Product Name: PROFILE POROUS CERAMIC (PPC) GREENS GRADE® NATURAL
Revision Date: 5/6/2015
MSDS Number: BLM004
Common Name: N.A.
CAS Number: 70892-59-0
Product Use: Porous ceramic particle for rootzone nutrient and water retention.

Description: Heat Treated Montmorillonite Clay Mineral.

2 HAZARDS IDENTIFICATION

Inhalation: Lungs
Skin Contact: No
Ingestion: No

NFPA: Health = 1, Fire = 0, Reactivity = 0





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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

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/fume/gas/mist/vapours/spray.

Crystalline Silica (Quartz) [EPA Hazard Category: Health]

Carcinogen: OSHA - No NTP - Yes (respirable) IARC - Yes

This product contains up to 5% crystalline silica. The International Agency for Research on Cancer (IARC) has stated that there is sufficient evidence of carcinogenicity of crystalline silica to human beings. It was noted that carcinogenicity was not detected in all industrial circumstances studied. The NTP's Sixth Annual Report on Carcinogens include respirable crystalline silica. The Hazard Communication Standard (29CFR 1910.1200) requires that any material containing over 0.1% of a substance reported as a carcinogen in an IARC monograph or the most recent NTP Annual Report on Carcinogens must be identified as a carcinogen. These identifications are for hazard communications only and do not serve as assessments of carcinogenic risk. Crystalline silica is known to cause silicosis. At dust levels below the recommended PEL exposure to the crystalline silica contained in this product should not present a health hazard.

Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. As formulated, this product is not expected to form appreciable respirable crystalline silica dust from use or attrition. Because application and exposure data indicate exposure to respirable quartz in the normal use of the ingredient within this product which contains crystalline silica, is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV). Adverse effects would not be expected from normal use of this product .

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Cas #	Perc.	Chemical Name
14808607	3-5%	silica, crystalline quartz



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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.



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equip:

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/m3
	% SiO2 + 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.

9 PHYSICAL AND CHEMICAL PROPERTIES

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

10 STABILITY AND REACTIVITY

Stability: Product is stable under all normal conditions.

Materials to Avoid: Unreacted polymer monomers

Hazardous Polymerization: Will not occur.



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TOXICOLOGICAL INFORMATION

Inhalation- N.E.
Intravenous- Rat - LD50:15mg/kg
Oral - Rat - LD50:3160 mg/kg

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ECOLOGICAL INFORMATION

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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.

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TRANSPORT INFORMATION

DOT Class: Not regulated #



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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*silica, crystalline quartz (14808607 3-5%) MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY 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
TXAIR = TX Air Contaminants with Health Effects Screening Level

TSCA = Toxic Substances Control Act

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OTHER INFORMATION

Disclaimer:

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