

Profile® Greens Grade® Emerald

SDS Number: BLM020

Revision Date: 1/1/17

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**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  
**Fax:** (847) 215-0577  
**Email:** tech@profileproducts.com  
**Web:** www.profileproducts.com

**Product Name:** Profile® Greens Grade® Emerald  
**Revision Date:** 1/1/17  
**SDS Number:** BLM020  
**Common Name:** N.A.

Description: Heat Treated Montmorillonite Clay Mineral.

**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/fume/gas/mist/vapours/spray.

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

**Inhalation:** Lungs  
**Skin Contact:** No

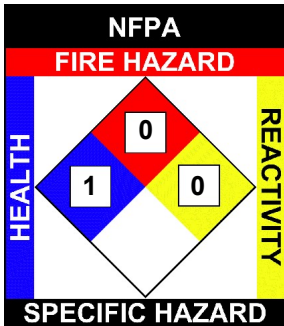
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NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a



**3 COMPOSITION/INFORMATION OF INGREDIENTS**

**Ingredients:**

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

**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 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<sup>3</sup>

% SiO<sub>2</sub> + 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:** Green 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:** Profile Greens Grade Emerald 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.



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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**

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**REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

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

Regulatory CODE Descriptions

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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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**OTHER INFORMATION****Disclaimer:**

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