

MSDS *Material Safety Data Sheet*

PROFILE Products, LLC



PROFILE GREENS GRADE® EMERALD

MSDS Number: BLM020

Revision Date: 7/27/10

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Contact:

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Product Name: PROFILE GREENS GRADE® EMERALD
Revision Date: 7/27/10
MSDS Number: BLM020
Common Name: N.A.
CAS Number: 371172-77-9

Description: Calcined, non-swelling illite and non-crystalline opal CT mineral.

2 HAZARDS IDENTIFICATION

Route of Entry:

Target Organs:

Inhalation: Lungs

Skin Contact: No

Eye Contact:

Ingestion: No

NFPA-ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

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.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:



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

4 FIRST AID MEASURES

Inhalation:

Skin Contact:

Wash thoroughly with soap and water.

Eye Contact:

Flush thoroughly with water. See a physician if discomfort persists.

Ingestion:

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:

Do not store near vegetable oil or turpentine.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

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 Guidelines/Other:



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green granular particles	Boiling Point:	
Physical State:		Freezing/Melting Pt.:	N.A.
Odor:	Negligible	Solubility:	Negligible
pH:		Spec Grav./Density:	
Vapor Pressure:	N.A.		
Vapor Density:			
Bulk Density:	35 lbs/cubic ft.		

10 STABILITY AND REACTIVITY

Stability:	Profile Greens Grade Emerald is stable under all normal conditions.
Conditions to avoid:	
Materials to avoid (incompatibility):	Unreacted polymer monomers
Hazardous Decomposition products:	
Hazardous Polymerization:	Will not occur. However, contact with vegetable oil or turpentine may cause evolution of heat.

11 TOXICOLOGICAL INFORMATION

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

12 ECOLOGICAL INFORMATION

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

DOT Class: Not regulated #



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15 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

OSHA = 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

16 OTHER INFORMATION

END OF MSDS DOCUMENT