



SDS

GHS Safety Data Sheet

PROFILE Products, LLC

TURFACE® MVP®

MSDS Number: BLM001

Revision Date: 5/18/2015

Page 1 of 6

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

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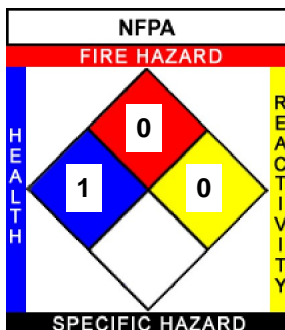
Product Name: TURFACE® MVP®
Revision Date: 5/18/2015
MSDS Number: BLM001
Common Name: N.A.
CAS Number: 70892-59-0

Description: Heat Treated Montmorillonite Clay Mineral.

2 HAZARDS IDENTIFICATION

Inhalation: Lungs
Skin Contact: Wash with soap and water until clean.
Eye Contact: Wash out with water.
Ingestion: No adverse effect.

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



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Page 2 of 6

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

Ingredients:

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



SDS

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Revision Date: 5/18/2015

Page 3 of 6

4 FIRST AID MEASURES

Inhalation: Move to fresh air.
Skin Contact: Wash thoroughly with soap and water.
Eye Contact: Flush thoroughly with water. See a physician if discomfort persists.
Ingestion: None. If large quantities are ingested consult your physician.

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.



SDS

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TURFACE® MVP®

MSDS Number: BLM001

Revision Date: 5/18/2015

Page 4 of 6

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
Physical State:	Solid granular particles.	Solubility:	Negligible
Vapor Pressure:	N.A.	Freezing/Melting Pt.:	N.A.
		Bulk Density:	37 lbs/cubic ft.

10 STABILITY AND REACTIVITY

Stability: Turface is stable under all normal conditions.
Materials to Avoid: Unreacted polymer monomers
Hazardous Decomposition: None known.
Hazardous Polymerization: Will not occur.



SDS

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Revision Date: 5/18/2015

Page 5 of 6

11

TOXICOLOGICAL INFORMATION

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

12

ECOLOGICAL INFORMATION

Natural occurring mineral - None Determined

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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Page 6 of 6

15	REGULATORY INFORMATION
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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
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