

MATERIAL SAFETY DATA SHEET

PROFILE Products LLC

750 Lake Cook Road, Suite 440
Buffalo Grove, IL 60089
(847) 215-1144 (8:00am to 5:00pm CST)

Section I. Product Identification

Product Name: TURFACE Professional Mound Clay **CAS Number:** Various
Chemical Name: N.A. **Formula:** N.A.
Description: Naturally occurring gumbo clay (ferro-aluminium silicate).
DOT Class: Not regulated by DOT. (Class 50 to truckers)

Section II. Hazardous Ingredients

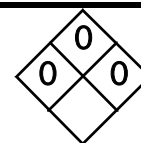
	%	CAS. NO.
Crystalline Silica (Quartz) [EPA Hazard Category: Health (Chronic)]	15 - 40	14808-60-7
Crystalline Silica (Cristobalite) [EPA Hazard Category: Health (Chronic)]	1 - 5	14464-46-1

Section III. Physical Data

Melting Point: N.A. **Bulk Density:** at 23% moisture: 114 P.C.F.
at 14% moisture: 85 P.C.F.
Vapor Pressure: mm Hg - N.A. **Percent Volatile:** None.
Solubility in Water: Negligible.
Appearance & Odor: Red and Gray-Blue and color, odorless, granular, semi-hard

Section IV. Fire and Explosion Hazard Data

TURFACE Professional Mound Clay is a mixture of inorganic silicates. It is non-flammable and non-hazardous.



NFPA Code

Section V. Reactivity Data

The information, data, and recommendations contained herein are believed to be accurate. PROFILE makes no warranty of any kind whatever with respect thereto and disclaims all liability from reliance thereon.

Stability: TURFACE Professional Mound Clay is stable under all normal conditions.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to avoid): None

Section VI. Health Hazard Data

OSHA PEL: 2.0 mg/m³

ACGIH-TLV: 2.0 mg/m³

Routes of Entry: Lungs (breathing) - Yes Ingestion - No Skin - No

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

TURFACE Professional Mound Clay contains crystalline silica and crystalline cristobalite. 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 Calcined Clay should not present a health hazard.

Effects of Overexposure:

Short Term: No effect other than as a nuisance dust.

Long Term: As with any nuisance dust, long-term exposure to dust concentrations higher than recommended Permissible Exposure Limits may cause delayed lung injury.

Toxicity Data:

Inhalation - N.E.

Intravenous - Rat - LD₅₀:15 mg/kg

Oral - Rat - LD₅₀:3160 mg/kg

First Aid: **Eyes** - Flush thoroughly with water. See a physician if discomfort persists.

Skin - Wash thoroughly with soap and water.

Section VII. Spill, Leak and Disposal Information

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.

Waste Disposal Method: 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.

TURFACE Professional Mound Clay

Section VIII. Special Protection Information

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.

Section IX. Special Precautions

None

Section X. SARA Title III Information

Calcined Clay

Section 302:	Applies: No	TPQ: N.A.	EHS: No
Section 304:	Applies: No	EHS R.Q.: N.A.	CERCLA R.Q.: N.A.
Section 313:	Toxic Release Reporting Applies: No		

This product and/or its components are on the Toxic Substances Control Act Inventory.

- Notes:**
- (1) Under CERCLA, releases to air, land or water which exceed the RQ must be reported immediately to the National Response Center, (800) 424-8802.
 - (2) Section 302 substances exceeding the TPQ must be reported annually on Tier I or Tier II forms to SERC, LEPC and local fire departments by March 1 (annually).
 - (3) Section 313 substances used in production or manufacturing (25,000 pounds or more annually) or otherwise used (10,000 pounds or more annually) must be reported to the EPA on a Toxic Release Inventory (Form R) by each July 1.

Abbreviations:

N.A.: Not Applicable	N.E.: None Established	UNK: Unknown
R.Q.: Reportable Quantity	TPQ: Threshold Planning Quantity	
LEPC: Local Emergency Planning Committee	SERC: State Emergency Response Commission	
EHS: Extremely Hazardous Substance	SARA: Superfund Amendments and Reauthorization Act	
CERCLA: Comprehensive Environmental Response, Compensation and Liability Act	RCRA: Resource Conservation and Recovery Act	

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