

ZORBALL®

1	PRODUCT AND COMPANY IDENTIFICATION
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Product Identifier: ZORBALL®
Common Name: N.A.
SDS Number: BLM003
Revision Date: 2/10/2020

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

Contact: ChemTrec Acct #: CCN792719
Phone: (847) 215-1144
Fax: (847) 215-0577
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Internet: www.profileproducts.com
Emergency: Emergency Phone: (800) 424-9300 (ChemTrec)

Description: Heat Treated Montmorillonite Clay Mineral.

2	HAZARDS IDENTIFICATION
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Classification of Substance

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.

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

Route of Entry: Inhalation

Inhalation: Lungs

Skin Contact: No

Ingestion: No

3	COMPOSITION/INFORMATION ON INGREDIENTS
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	Chemical Ingredients:
CAS#	% Chemical Name:
14808607	3-5% Silica, crystalline quartz

4	FIRST AID MEASURES
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Skin Contact: Wash thoroughly with soap and water.
Eye Contact: Flush thoroughly with water. See a physician if discomfort persists.

5	FIRE FIGHTING MEASURES
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Non-flammable and non-hazardous

6	ACCIDENTAL RELEASE MEASURES
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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
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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.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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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/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
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Appearance:	Brown to buff-colored granular particles	Odor:	Negligible
Vapor Pressure:	N.A.	Solubility:	Negligible
		Freezing/Melting Pt.:	N.A.
		Bulk Density:	38 lbs/cubic ft.

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STABILITY AND REACTIVITY

Chemical Stability: Zorball 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

Naturally occurring, inorganic, crystalline, absorbent, clay minerals, such as Attapulgalite 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

Non-hazardous for air, sea and road freight.

Component (CAS#) [%] - CODES

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

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory CODE 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
 TSCA = Toxic Substances Control Act
 TXAIR = TX Air Contaminants with Health Effects Screening Level

COMPONENT / (CAS/PERC) / CODES

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



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Disclaimer:

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