



DuraEdge Professional Infield Mix®

Revision Date: 5/10/17

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1	PRODUCT AND COMPANY IDENTIFICATION
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Manufacturer

Natural Sand Company, Inc.
4783 HARLANSBURG ROAD
SLIPPERY ROCK, PA 16057

Emergency: Emergency Phone: (724) 530-2298
Contact: Natural Sand Company
Phone: (866) 867-4250
Fax: (724) 264-4174
Email: safety@duraedge.com
Web: www.duraedge.com

Product Name: DuraEdge Professional Infield Mix®
Revision Date: 5/10/17
Common Name: Clay

Description: Natural occurring clay mineral

Product Use: Baseball & Softball Infields

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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 StatementsGHS 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.

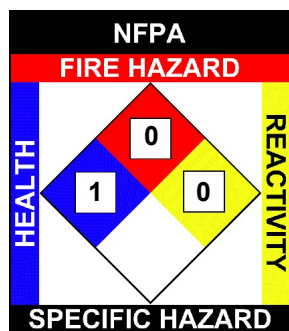
Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Inhalation: Lungs

Skin Contact: Wash with soap and water until clean

Eye Contact: Wash out with water

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

**3****COMPOSITION/INFORMATION OF INGREDIENTS**

Ingredients:

Cas#	%	Chemical Name
14808-60-7	25-35%	Crystalline Silica, Quartz

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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: Follow the personal protection and controls identified in section 8 of the SDS when handling this product.
Storage Requirements: Keep indoors or cover with a tarp to keep dust levels down.

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 ³
	% SiO ₂ + 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.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Red/Brown clay particles	Bulk Density:	110 P.C.F at 12 % moisture
Spec Grav./Density:	1.76		

10 STABILITY AND REACTIVITY

Chemical Stability:	DuraEdge Classic is stable under all normal conditions.
Conditions to Avoid:	None
Materials to Avoid:	None
Hazardous Decomposition:	None Known
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.

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

Ground Clay contains crystalline silica in solid form

WHMIS Classification D2A

WHMIS Label on each package

Not TDG regulated



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15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Silica, crystalline quartz (14808607) [<1%] MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

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

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16	OTHER INFORMATION
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Disclaimer:

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