



---

**DuraEdge Collegiate Infield Mix®**

---

Revision Date: 5/10/17

Page 1 of 5

---

<b>1</b>	<b>PRODUCT AND COMPANY IDENTIFICATION</b>
----------	---

**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](mailto:safety@duraedge.com)  
**Web:** [www.duraedge.com](http://www.duraedge.com)

---

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

Description: Natural occurring clay mineral

Product Use: Baseball & Softball Infields



**DuraEdge Collegiate Infield Mix®**

Revision Date: 5/10/17

Page 2 of 5

**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 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**

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
4808607	<1%	Crystalline Silica, Quartz <sup>1</sup>



**DuraEdge Collegiate Infield Mix®**

Revision Date: 5/10/17

Page 3 of 5

**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/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.

**DuraEdge Classic Infield Mix®**

Revision Date: 5/10/17

Page 4 of 5

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Red/Brown clay particles	<b>Bulk Density:</b>	100 P.C.F at 12 % moisture
<b>Spec Grav./Density:</b>	1.6		

**10 STABILITY AND REACTIVITY**

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



**DuraEdge Classic Infield Mix®**

Revision Date: 5/10/17

Page 5 of 5

**15 REGULATORY INFORMATION**

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
- OSHA WAC = 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

\*silica, crystalline quartz (14808607 <1%) MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

- MASS = MA Massachusetts Hazardous Substances List
- NRC = Nationally Recognized Carcinogens
- OSHA WAC = 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**

**Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).