

DuraPitch Premium Mound Clay**SECTION 1: Identification****Product identifier****Product name:** DuraPitch Premium Mound Clay**Recommended use of the product and restriction on use****Relevant identified uses:** Baseball & Softball Infields**Uses advised against:** Not determined or not applicable.**Reasons why uses advised against:** Not determined or not applicable.**Manufacturer or supplier details****Manufacturer:****United States**

DuraEdge Products, Inc.

149 South Broad Street

Grove City, PA 16127

866-867-0052

safety@duraedge.com

Emergency telephone number:**United States****Emergency Contact**

866-867-0052

SECTION 2: Hazard(s) identification**GHS classification:**

Carcinogenicity, category 1A

Specific target organ toxicity - repeated exposure, category 1

Label elements**Hazard pictograms:****Signal word:** Danger**Hazard statements:**

H350 May cause cancer if inhaled.

H372 Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash hands and skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P308+P313 If exposed or concerned: Get medical advice/attention

P314 Get medical advice/attention if you feel unwell

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P405 Store locked up.

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified: None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 14808-60-7	Silica, crystalline quartz	25-35

Additional Information:

This product is composed of 100% naturally occurring clay material with varying amounts of crystalline silica. Crystalline silica is only a suspected human carcinogens as a respirable solid. Note that care should be taken to maintain the product in its natural state and to avoid any activities that may liberate respirable solids such as cutting, grinding, and sanding.

SECTION 4: First aid measures**Description of first aid measures****General notes:**

Not determined or not applicable.

After inhalation:

Loosen clothing as necessary and position individual in a comfortable position

Maintain an unobstructed airway

Get medical advice/attention if you feel unwell

After skin contact:

Rinse affected area with soap and water

If symptoms develop or persist, seek medical attention

After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes

If symptoms develop or persist, seek medical attention

After swallowing:

Rinse mouth thoroughly

Seek medical attention if irritation, discomfort, or vomiting persists

Most important symptoms and effects, both acute and delayed**Acute symptoms and effects:**

Not determined or not applicable.

Delayed symptoms and effects:

Not determined or not applicable.

Immediate medical attention and special treatment**Specific treatment:**

Not determined or not applicable.

Notes for the doctor:

Not determined or not applicable.

SECTION 5: Firefighting measures**Extinguishing media**

Suitable extinguishing media:

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Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition

Unsuitable extinguishing media:

Not determined or not applicable.

Specific hazards during fire-fighting:

Thermal decomposition can lead to release of irritating gases and vapors

Special protective equipment for firefighters:

Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit

Special precautions:

Carbon monoxide and carbon dioxide may form upon combustion

Heating causes a rise in pressure, risk of bursting and combustion

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation

Ensure air handling systems are operational

Wear protective eye wear, gloves and clothing

Environmental precautions:

Should not be released into the environment

Prevent from reaching drains, sewer or waterway

Methods and material for containment and cleaning up:

Wear protective eye wear, gloves and clothing

Sweep or scoop up solid material while minimizing dust generation

Dispose of contents / container in accordance with local regulations

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage**Precautions for safe handling:**

Use only with adequate ventilation.

Avoid breathing dust.

Do not eat, drink, smoke or use personal products when handling material.

Conditions for safe storage, including any incompatibilities:

Keep container tightly sealed.

Keep container dry.

Store in a cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Silica, crystalline quartz	14808-60-7	ACGIH TLV TWA 0.025 mg/m ³ (Respirable fraction)
NIOSH	Silica, crystalline quartz	14808-60-7	NIOSH TWA 0.05 mg/m ³
United States (OSHA)	Silica, crystalline quartz	14808-60-7	OSHA 8-hour TWA PEL: 0.05 mg/m ³ (Respirable fraction, exposure limit level)

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Silica, crystalline quartz	14808-60-7	OSHA 8-hour TWA PEL: 0.025 mg/m ³ (Respirable fraction, action level)

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls.

Biological monitoring may also be appropriate for some substances.

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling.

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Personal protection equipment**Eye and face protection:**

Safety goggles or glasses, or appropriate eye protection.

Skin and body protection:

Select glove material impermeable and resistant to the substance.

Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

General hygienic measures:

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and at the end of work.

Wash contaminated clothing before reuse.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Appearance	Red/Brown clay particles.
Odor	Not determined or not available.
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.

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Density	120 lbs/ft ³ (Bulk density).
Relative density	1.92
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

Other information**SECTION 10: Stability and reactivity****Reactivity:**

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

None known.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information**Acute toxicity**

Assessment: Based on available data, the classification criteria are not met.

Product data: No data available.

Substance data: No data available.

Skin corrosion/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Serious eye damage/irritation

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

Substance data: No data available.

Respiratory or skin sensitization

Assessment: Based on available data, the classification criteria are not met.

Product data:

No data available.

DuraPitch Premium Mound Clay**Substance data:** No data available.**Carcinogenicity****Assessment:** May cause cancer**Product data:** No data available.**Substance data:**

Name	Species	Result
Silica, crystalline quartz	Not applicable	Component may cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Silica, crystalline quartz	Group 1 - Carcinogenic to humans

National Toxicology Program (NTP):

Name	Classification
Silica, crystalline quartz	Known to be human carcinogens

Germ cell mutagenicity**Assessment:** Based on available data, the classification criteria are not met.**Product data:**

No data available.

Substance data: No data available.**Reproductive toxicity****Assessment:** Based on available data, the classification criteria are not met.**Product data:**

No data available.

Substance data: No data available.**Specific target organ toxicity (single exposure)****Assessment:** Based on available data, the classification criteria are not met.**Product data:**

No data available.

Substance data: No data available.**Specific target organ toxicity (repeated exposure)****Assessment:** Causes damage to organs through prolonged or repeated exposure**Product data:**

No data available.

Substance data:

Name	Result
Silica, crystalline quartz	Component affects the lungs through repeated exposure.

Aspiration toxicity**Assessment:** Based on available data, the classification criteria are not met.**Product data:**

No data available.

Substance data: No data available.**Information on likely routes of exposure:**

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

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No data available.

SECTION 12: Ecological information**Acute (short-term) toxicity****Assessment:** Based on available data, the classification criteria are not met.**Product data:** No data available.**Substance data:** No data available.**Chronic (long-term) toxicity****Product data:** No data available.**Substance data:** No data available.**Persistence and degradability****Product data:** No data available.**Substance data:** No data available.**Bioaccumulative potential****Product data:** No data available.**Substance data:** No data available.**Mobility in soil****Product data:** No data available.**Substance data:** No data available.**Other adverse effects:** No data available.**SECTION 13: Disposal considerations****Disposal methods:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

SECTION 14: Transport information**United States Transportation of dangerous goods (49 CFR DOT)**

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
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UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

SECTION 15: Regulatory information**United States regulations****Inventory listing (TSCA):**

14808-60-7	Silica, crystalline quartz	Listed
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Significant New Use Rule (TSCA Section 5): Not determined.

Export notification under TSCA Section 12(b): Not determined.

SARA Section 302 extremely hazardous substances: Not determined.

SARA Section 313 toxic chemicals:

14808-60-7	Silica, crystalline quartz	Not Listed
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CERCLA: Not determined.

RCRA: Not determined.

Section 112(r) of the Clean Air Act (CAA): Not determined.

Massachusetts Right to Know:

14808-60-7	Silica, crystalline quartz	Listed
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New Jersey Right to Know:

14808-60-7	Silica, crystalline quartz	Listed
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New York Right to Know:

14808-60-7	Silica, crystalline quartz	Not Listed
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Pennsylvania Right to Know:

14808-60-7	Silica, crystalline quartz	Listed
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California Proposition 65:

⚠️WARNING: This product can expose you to Silica, crystalline quartz, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 1-0-0

HMIS: 1-0-0

Initial preparation date: 10.26.2018

End of Safety Data Sheet