



## SAFETY DATA SHEET

**NON-HARDENING MODELING CLAY**  
Issue date: 11/14/2012

SDS ID: 00141112  
Revision Date: 10/14/2014

### \*\*\* Section 1 – PRODUCT AND COMPANY IDENTIFICATION \*\*\*

**Product Name:** NON-HARDENING MODELING CLAY

SARGENT ART, INC

Phone: 1-800-424-3596

100 East Diamond Ave.  
Hazleton, PA 18201  
www.sargentart.com

Health Emergency – Call local Poison Control Center

**Synonyms:** Primary Assorted Modeling Clay; Pastel Assorted Modeling Clay;  
Natural Assorted Modeling Clay; Earth Tone Assorted Modeling Clay;  
Color of My Friends Assorted Modeling Clay; Primary Colors Modeling Clay;  
Art-Time Assorted Modeling Clay; Plastilina (various colors).

**Product Codes:** 22-4400, 22-4005; 22-4007; 22-4009; 22-4044; 22-4000; 22-4002; 22-4014;  
22-4020; 22-4029; 22-4030; 22-4042; 22-4050; 22-4066; 22-4084; 22-4085;  
22-4088; 22-4096; 22-7600; 22-7630; 22-7666; 22-7684; 22-7688; 22-7696;  
22-7700; 22-7730; 22-7766; 22-7784; 22-7788; 22-7796; 22-1100; 55-3300.

**Product Use:** Arts and Crafts

### \*\*\* Section 2 – HAZARD(S) IDENTIFICATION \*\*\*

#### EMERGENCY OVERVIEW

**Color:** various colors  
**Physical Form:** solid  
**Odor:** odorless

#### POTENTIAL HEALTH EFFECTS

**Inhalation:** none  
**Skin Contact:** none  
**Eye Contact:** none  
**Ingestion:** none

### \*\*\* Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS \*\*\*

CAS	Component	Percent	Symbol	Risk Phrase(s)
Not Available	Product has been certified as non-toxic by the US Board Certifies Toxicologist and Conforms to ASTM D-4236 standard practice for Labeling Art Materials for acute and chronic adverse health hazards.	100	---	---

### \*\*\* Section 4 – FIRST AID MEASURES \*\*\*

**Inhalation**



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It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

### Skin

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

### Eyes

It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

### Ingestion

Contact local poison control center or physician immediately.

### \*\*\* Section 5 – FIRE FIGHTING MEASURES \*\*\*

See Section 9 for Flammability Properties

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Flammable Properties

Slight fire hazard.

#### Extinguishing Media

Regular dry chemical, carbon dioxide, water, regular foam

#### Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

### \*\*\* Section 6 – ACCIDENTAL RELEASE MEASURES \*\*\*

#### Occupational spill/release

Collect spilled material in appropriate container for disposal.

### \*\*\* Section 7 – HANDLING AND STORAGE \*\*\*

#### Handling Procedures

Use methods to minimize dust.

#### Storage Procedures

Store and handle in accordance with all current regulations and standards. See original containers for storage recommendations. Keep separated from incompatible substances.

### \*\*\* Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION \*\*\*

#### Component Exposure Limits

ACGIH and EU have not developed exposure limits for any of this product's components.

#### Ventilation

Based on available information, additional ventilation is not required.

### PERSONAL PROTECTIVE EQUIPMENT

#### Eyes/Face

Eye protection not required under normal conditions.

#### Protective Clothing



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Protective clothing is not required under normal conditions.

### Glove Recommendations

Protective gloves are not required under normal conditions.

### Respiratory Protection

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

### \*\*\* Section 9 – PHYSICAL AND CHEMICAL PROPERTIES \*\*\*

<b>Appearance:</b>	Solid	<b>Flash Point:</b>	Not available
<b>Physical State:</b>	Solid	<b>Flammability:</b>	Not available
<b>Physical Form:</b>	Solid	<b>Vapor Pressure:</b>	Not available
<b>Color:</b>	Assorted colors	<b>Vapor Density (air=1):</b>	Not available
<b>Odor:</b>	Odorless	<b>Evaporation Rate:</b>	Not available
<b>Odor Threshold:</b>	Not available	<b>Specific Gravity:</b>	Not available
<b>pH:</b>	Not available	<b>Density:</b>	Not available
<b>Melting Point:</b>	Not available	<b>Water Solubility:</b>	Not available
<b>Freezing Point:</b>	Not available	<b>Coeff.Water/Oil Dist:</b>	Not available
<b>Boiling Point:</b>	Not available	<b>Volatility:</b>	Not available
<b>Viscosity:</b>	Not available		

### \*\*\* Section 10 – STABILITY AND REACTIVITY \*\*\*

#### Chemical Stability

Stable at normal temperatures and pressure.

#### Conditions to Avoid

None reported.

#### Materials to Avoid

Oxidizing materials.

#### Decomposition Products

Oxides of carbon.

#### Possibility of Hazardous Reactions

Will not polymerize.

### \*\*\* Section 11 – TOXICOLOGICAL INFORMATION \*\*\*

#### Component Analysis – LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

#### RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

#### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, or DFG.

#### RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.



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### \*\*\* Section 12 – ECOLOGICAL INFORMATION \*\*\*

#### Component Analysis – Aquatic Toxicity

No LOLI ecotoxicity data is available for this product's components.

### \*\*\* Section 13 – DISPOSAL CONSIDERATION \*\*\*

#### Disposal Methods

Dispose in accordance with all applicable regulations.

#### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

### \*\*\* Section 14 – TRANSPORT INFORMATION \*\*\*

US DOT Information:	Not Regulated.
TDG Information:	Not Regulated.
ADR Information:	Not Regulated.
RID Information:	Not Regulated.
IATA Information:	Not Regulated.
ICAO Information:	Not Regulated.
IMDG Information:	Not Regulated.

### \*\*\* Section 15 – REGULATORY INFORMATION \*\*\*

#### U.S. Federal Regulations

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

#### SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No    Chronic Health: No    Fire: No    Pressure: No    Reactive: No

#### U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

Not regulated under California Proposition 65

#### Canada

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

WHMIS CLASSIFICATION: Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

#### Component Analysis – Inventory

No information is available.

### \*\*\* Section 16 – OTHER INFORMATION \*\*\*



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### Allergens:

This product do not contain common allergens such as latex, eggs, milk, wheat, gluten, soy, sunflower or other seeds, tree nuts, and peanuts.

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR – European Road Transport; AU – Australia; BOD – Biochemical Oxygen Demand; C – Celsius; CA – Canada; CAS – Chemical Abstracts Service; CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act; CN – China; CPR – Controlled Products Regulations; DFG – Deutsche Forschungsgemeinschaft; DOT – Department of Transportation; DSL – Domestic Substances List; EEC – European Economic Community; EINECS – European Inventory of Existing Commercial Chemical Substances; EPA – Environmental Protection Agency; EU – European Union; F – Fahrenheit; IARC – International Agency for Research on Cancer; IATA – International Air Transport Association; ICAO – International Civil Agency Organization; IDL – Ingredient Disclosure List; IDLH – Immediately Dangerous to Life and Health; IMDG – International Maritime Dangerous Goods; JP – Japan; Kow – Octanol/water partition coefficient; KR – Korea; LEL – Lower Explosive Limit; LOLI – List Of Lists – ChemADVISOR's Regulatory Database; MAK – Maximum Concentration Value in the Workplace; MEL – Maximum Exposure Limits; NFPA – National Fire Protection Agency; NIOSH – National Institute for Occupational Safety and Health; NJTSR – New Jersey Trade Secret Registry; NTP – National Toxicology Program; NZ – New Zealand; OSHA – Occupational Safety and Health Administration; PH – Philippines; RCRA – Resource Conservation and Recovery Act; RID – European Rail Transport; RTECS – Registry of Toxic Effects of Chemical Substances; SARA – Superfund Amendments and Reauthorization Act; STEL – Short-term Exposure Limit; TDG – Transportation of Dangerous Goods; TSCA – Toxic Substances Control Act; TWA – Time Weighted Average; UEL – Upper Explosive Limit; US – United States.

### Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

## SAFETY DATA SHEET – JANUARY 3, 2018



### Section 1 – Identification

Product Identifier:	Silica Sand
Trade Names:	Holliston Sand Products, Slater Farms Products
Product Uses:	Filtration Media, Foundry Sand, Industrial Fillers, Bio-retention and Agricultural Sand, Sports Turf, Recreational Products, Commercial Products, Traction Sand Not recommended for sand-blasting.
Manufacturer's Name:	Holliston Sand Company, Inc.
Manufacturer's Address	PO Box 1168, Slatersville, RI 02876
Manufacturer's Telephone	401.766.5010, Monday – Friday, 7:00am to 5:00pm
Manufacturer's Facsimile:	401.762.4976
Emergency Telephone	401.766.5010, Monday – Friday, 7:00am to 5:00pm

### Section 2 – Hazards Identification

#### GHS – US Classification and Label Elements:

##### Health:

Category 1A – Carcinogen		
Category 1 - Specific Target Organ Toxicity (STOT) following repeated exposures		
Category 2B - Eye Irritation		
Signal Word (GHS-US) - DANGER		
GHS-US Labeling / Hazard Pictograms	 GHS08	 GHS07

#### Hazard Statements (GHS-US)

H335	May cause eye and respiratory irritation
H350	May cause cancer by inhalation
H372	Causes damage to organs through prolonged or repeated exposure by inhalation.

### Precautionary Statements (GHS-US)

P202 – SDS - Read all safety precautions prior to handling.	P264 – Wash thoroughly after handling.
P308 / P313/P314/P304 – Call for medical attention if not well or uncomfortable. If inhaled, provide fresh air.	
P260 / P280 – Never breathe dust. Wear PPE prior to use.	P271 – Use in a well ventilated area.
P403 – Store properly. Closed container.	P501 – Dispose of according to local / regional regulations.

### Section 3 – Composition

Name	Product Identifier	Percentage (%)	GHS-US Classification
Quartz	CAS #: 14808-60-7	85 – 99.9	Carc. 1A, H350, STOT SE 3, H335, STOT RE 1, H372

### Section 4 – First Aid Measures

ANY SERIOUS INJURY OR UNCONSCIOUSNESS OBSERVATION SHOULD BE AN AUTOMATIC EMERGENCY CALL TO 911.

**Inhalation** – Move person to a clear area, provide fresh air. Provide medical or emergency attention.

**Eye** – Flush eye / eyes with water as needed. Provide medical attention as necessary.

**Skin** – Simple abrasions should be cleansed with mild soap and water. Provide medical attention as necessary.

**Ingestion** – Discomfort should be followed up with medical attention.

**Signs and Symptoms of Exposure** - Symptoms of silicosis may first appear 15 to 20 years after someone's exposure to crystalline silica. As the disease progresses, symptoms may include:

<i>Shortness of breath</i>	<i>Severe Cough</i>	<i>Weakness</i>
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If you have silica in your lungs, your body may not be able to fight infections well. This can lead to other illnesses that can cause.

<i>Chest Pains</i>	<i>Weight Loss</i>	<i>Night Sweats</i>
<i>Respiratory Failure</i>	<i>Fever</i>	

As the disease progresses over time, these symptoms can become worse. The symptoms of acute silicosis which can occur with exposures to very high concentrations of respirable crystalline silica over a very short time period, sometimes as short as six months, are the same as those associated with chronic silicosis. The symptoms of scleroderma, an autoimmune disease, include thickening and stiffness of the skin, particularly in the fingers, shortness of breath, difficulty swallowing and joint problems.

### Section 5 – Fire Fighting Measures

Extinguishing Media:	Compatible with all media. Use appropriate media for surrounding fire.
Unusual Fire and Explosion Habits:	None known.
Special Fire Fighting Procedure:	None known. Not flammable. Use normal fire fighting equipment.
Hazardous Combustion Products:	None known.



## Section 6 – Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures
  - General measures.
    - Do not breathe dust. Avoid generation of dust during clean-up of spills. Recover the product by vacuuming, shoveling or sweeping. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. Use water to wet down clean up area to minimize particulate.
  - For non-emergency / emergency personnel.
    - Wear suitable protective clothing, gloves, eye and face protection. Use recommended respiratory protection. Collect as any solid.
- Environmental Precautions – no additional information available
- Methods and Material for Containment and Clean-up
  - Avoid generation of dust during clean-up of spills. Recover the product by vacuuming, shoveling or sweeping. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. Use water to wet down clean up area to minimize particulate.

## Section 7 – Handling and Storage

- This product is not to be used for abrasive blasting without proper equipment and training. Do not breathe dust, which may be created during handling of this product.
- Engineering measures and good housekeeping are essential to preventing accumulation of silica dust in the workplace. Use adequate ventilation and dust collection systems.
- Testing can ensure engineering measures are sufficient. PPE is a solution until verification is established. Refer to Section 8 – Exposure Controls / Personal Protection for further information.
- Silica dust is not always visible in a form of a cloud. Use PPE.
- In accordance with OSHA's Hazard Communication Standard (29CFR 1910.12, 1915.99, 1917.28, 1918.90, 1926.59, 1928.21), state, and / or local right to know laws and regulations, familiarize your employees with this SDS and the information contained herein.
- Warn your employees, your customers and other third parties (in case of resale or distribution to others) of the potential health risks associated with the use of this product and train them in the appropriate use of PPE and engineering controls, which will reduce their risks of exposure.
- See ASTM International standard practice E1132-06, "Standard Practice for Health Requirements Relating to Occupational Exposure to Respirable Crystalline Silica."
- Store in a dry, cool place. Keep container tightly closed.



## Section 8: Exposure Controls / Personal Protection

### Control Parameters

Quartz (14808-60-7) – Occupational exposure limits (respirable fraction) in air for dust containing crystalline silica.		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> ) {8 hour weighted average}	0.025 mg/m <sup>3</sup>
USA IDLH	US IDLH (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> ) {10 hour weighted average}	0.05 mg/m <sup>3</sup>
USA MSHA/OSHA	MSHA/OSHA PEL (TWA) (mg/m <sup>3</sup> ) {8 hour weighted average} {Mineral Dust}	{30}/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> – total dust {10}/(% SiO <sub>2</sub> +2) mg/m <sup>3</sup> – respirable fraction

Occupational exposure limits in air for inert / nuisance dust.			
USA ACGIH	ACGIH TLV	3 mg/m <sup>3</sup>	10mg/m <sup>3</sup>
USA MSHA/OSHA	MSHA/OSHA PEL (As Inert or Nuisance Dust)	5 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>

### Exposure Controls

Engineering controls	Ensure adequate ventilation, especially in confined areas. Avoid dust production.
Personal protection equipment (PPE)	Use dust suits, protective goggles and respiratory protection in dusty areas. Self contained breathing apparatus is also a good option during dust production. Get training on the use of all PPE equipment. Respirator fit testing is mandatory. Contact NIOSH at 800.35.NIOSH, WWW.CDC.GOV/NIOSH
	Use impermeable gloves for hand protection.
	Use protective goggles for eye protection
	Use NIOSH approved respirators in areas containing airborne dust.
Hygiene	Always wash your hands after handling
<b>Do not breathe dust. Use PPE. Research and engineer a solution for each application.</b>	

California Inhalation Reference Exposure Limit (REL) as of 12/08: Crystalline silica (quartz, cristobalite, tridymite) is 3 ug/m <sup>3</sup> .
Canadian OEL:
<ul style="list-style-type: none"> <li>• Canada Labour Code: 0.025 mg/m<sup>3</sup> (respirable)</li> <li>• Alberta, British Columbia: 0.025 mg/m<sup>3</sup> (respirable quartz and cristobalite)</li> <li>• Saskatchewan: 2 mg/m<sup>3</sup> (respirable, amorphous; silica fume); 0.1 mg/m<sup>3</sup> (respirable, amorphous; silica fused); 0.05 mg/m<sup>3</sup> (respirable, cristobalite); 0.05 mg/m<sup>3</sup> (respirable tridymite); 0.1 mg/m<sup>3</sup> (respirable, quartz); 0.1 mg/m<sup>3</sup> (respirable, tripoli)</li> <li>• Manitoba, Newfoundland, Prince Edward Island: 0.025 mg/m<sup>3</sup> (respirable)</li> <li>• Ontario: 0.05 mg/m<sup>3</sup> (respirable cristobalite, tridymite); 0.1 mg/m<sup>3</sup> (quartz, tripoli); 0.1 mg/m<sup>3</sup> (silica fused); 2 mg/m<sup>3</sup> (silica fume)</li> <li>• Quebec: 0.05 mg/m<sup>3</sup> (respirable, cristobalite, tridymite); 0.1 mg/m<sup>3</sup> (quartz, tripoli)</li> <li>• New Brunswick: 0.1 mg/m<sup>3</sup> (quartz); 0.05 mg/m<sup>3</sup> (cristobalite)</li> <li>• Nova Scotia: 0.025 mg/m<sup>3</sup> (quartz, cristobalite)</li> <li>• Yukon: 2 mg/m<sup>3</sup> (respirable, amorphous); 300 particles/ml measured with a konimeter (quartz, and tripoli); 150 particles/ml measured with a konimeter (cristobalite and tridymite)</li> <li>• Northwest Territories, Nunavut: 2 mg/m<sup>3</sup> (respirable, amorphous); 0.05 mg/m<sup>3</sup> (respirable, cristobalite, tridymite, silica flour); 0.1 mg/m<sup>3</sup> (respirable, fused silica, quartz, tripoli)</li> </ul>
Austria OEL - Maximum concentration 0.15 mg/m <sup>3</sup>
Japan OEL - Japan Society of Occupational Health Respirable crystalline silica 0.03 mg/m <sup>3</sup>
Poland OEL TWA - 2 mg/m <sup>3</sup> (total inhalable dust, containing >50% free crystalline silica);
<ul style="list-style-type: none"> <li>• 0.3 mg/m<sup>3</sup> (respirable dust, containing &gt;50% free crystalline silica);</li> <li>• 4.0 mg/m<sup>3</sup> (total inhalable dust, containing 2% to 50% free crystalline silica);</li> <li>• 1.0 mg/m<sup>3</sup> (respirable dust, containing 2% to 50% free crystalline silica)</li> </ul>
United Kingdom OEL – 0.1 mg/m <sup>3</sup>
Mexico – 0.1 mg/m <sup>3</sup> (quartz, inhalable)
<ul style="list-style-type: none"> <li>• 0.05 mg/m<sup>3</sup> (cristobalite, inhalable)</li> <li>• 0.05 mg/m<sup>3</sup> (tridymite, inhalable)</li> <li>• 0.1 mg/m<sup>3</sup> (tripoli containing respirable quartz powder, inhalable)</li> <li>• (Also refer to ACGIH)</li> </ul>
Argentina – 0.05 mg/m <sup>3</sup> (quartz, respirable)
<ul style="list-style-type: none"> <li>• 0.05 mg/m<sup>3</sup> (cristobalite, respirable)</li> <li>• 0.05 mg/m<sup>3</sup> (tridymite, respirable)</li> <li>• 0.1 mg/m<sup>3</sup> (tripoli, respirable)</li> </ul>

### Section 9: Physical and chemical properties

Physical State / Appearance	Solid / Crystalline
Odor	None
Odor Threshold	No data available
Color	Natural
pH	No data available
Evaporation rate	No data available
Melting point	1710°C (3110°F)
Freezing point	No data available
Boiling point	2230°C (4046°F)
Flash point	No data available
Self ignition temperature	No data available



Decomposition temperature	No data available
Flammability (solid, gas)	Non-combustible solid
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density	2.65 (approx.)
Solubility	Practically insoluble.
Log Pow	No data available
Log Kow	No data available
Viscosity	No data available
Explosive Limits	None known.
Oxidizing properties	None known.
Explosive limits	No data available

### Section 10: Stability and Reactivity

<b>Reactivity</b>	None under normal conditions. Reactive with strong oxidizing agents.
<b>Chemical / Thermal Stability</b>	Chemically stable under normal temperature and pressure. Thermal instability occurs under high temperatures above 870°C (1598°F). It can change to crystalline silica such as tridymite and cristobalite.
<b>Incompatible Materials</b>	Avoid strong oxidizers such as fluorine, chlorine tri-fluoride, hydrogen fluoride, oxygen di-fluoride, hydrogen peroxide, acetylene, ammonia.
<b>Hazardous Decomposition</b>	Quartz (silica) will dissolve in hydrofluoric acid producing a corrosive gas, silicon tetra-fluoride.
<b>Hazardous Polymerization</b>	Not known to polymerize.

### Section 11: Toxicological Information

Acute toxicity	Not classified	
Aspiration hazard	Not classified	
Skin Irritation	Not classified	
Eye Irritation	Not classified	
Respiratory or skin sensitization	Not classified	
Reproductive toxicity	Not classified	
Specific target organ toxicity (single exposure)	Not classified	
Specific target organ toxicity (repeated exposure)	Causes damage to organs (lung/respiratory system) through prolonged or repeated exposure (inhalation)	
Germ cell mutagenicity	Not classified	
Carcinogenicity	May cause cancer - inhalation	
<b>Quartz (14808-60-7)</b>	<b>IARC Group – Group 1</b>	<b>National Toxicity Program (NTP) Status: Known Human Carcinogen</b>
<b>Silica – All grades (14808-60-7)</b>	Repeated or prolonged exposure to respirable crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Acute silicosis can be fatal.	



**Section 12: Ecological Information**

Crystalline silica is not known to be eco-toxic, not readily biodegradable and not expected to bio-accumulate.

**Section 13: Disposal Considerations**

AS SOLD, our crystalline silica (quartz) products are not considered hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR 261 et seq. Dispose according to applicable local, state and federal regulations.

**Section 14: Transport Information**

Crystalline silica (quartz) is not a hazardous material for purposes of transportation under the U. S. Department of Transportation Table of Hazardous Materials, 49 CFR §172.101, and Transportation of Dangerous Goods Regulations in the European Union, Canada, Argentina, Republic of Uzbekistan and Japan. Consult applicable international, national, state, provincial or local laws. In accordance with DOT / TDG / ADR / RID / ADNR / IMDG / ACO / IATA, crystalline silica is not a dangerous product in the sense of transport regulations.

**Section 15: Regulatory Information**

US Federal Regulations	Silica / Quartz 14808-60-7	Immediate health hazard - acute Delayed health hazard – chronic.	On US TSCA (Toxic Substances Control Act) inventory listing.
Canada Regulations		WHMIS Classification. Class D Division 2 Subdivision A – Very toxic material causing other toxic effects.	
International Info		IARC (International Agency for Research on Cancer) listing.	NTP (National Toxicology Program) specifies as a carcinogen.
U State Regulations		See below.	
U.S. - California - Proposition 65 - Carcinogens List . This product contains Quartz, a substance known to the state of California to cause cancer. U.S. - Hawaii - Occupational Exposure Limits - TWAs U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs) U.S. - Idaho - Occupational Exposure Limits - Mineral Dusts U.S. - Illinois - Toxic Air Contaminant Carcinogens U.S. - Maine - Chemicals of High Concern U.S. - Massachusetts - Right To Know List U.S. - Michigan - Occupational Exposure Limits - TWAs U.S. - Minnesota - Chemicals of High Concern U.S. - Minnesota - Hazardous Substance List U.S. - Minnesota - Permissible Exposure Limits - TWAs U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - New Jersey - Special Health Hazards Substances List U.S. - Oregon - Permissible Exposure Limits - Mineral Dusts U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Tennessee - Occupational Exposure Limits - TWAs U.S. - Texas - Effects Screening Levels - Long Term U.S. - Texas - Effects Screening Levels - Short Term U.S. - Vermont - Permissible Exposure Limits - TWAs U.S. - Washington - Permissible Exposure Limits - STELs U.S. - Washington - Permissible Exposure Limits - TWAs			



**Section 16 – Other Information**

**NFPA**

Health Hazard	2 – intense or continued exposure could cause temporary or incapacitation or possible residual injury unless prompt medical attention is given	
Fire Hazard	0 – materials that will not burn	
Reactivity	0 – normally stable, even under fire exposure conditions, are not reactive with water	

**HMIS III Rating**

Health	2 - moderate hazard, temporary injury may occur
Flammability	0 – minimal hazard
Physical	0 – minimal hazard
Personal Protection	All equipment required plus engineering measures.

**Definitions**

Carc. 1A	Carcinogenicity Category 1A
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3

**User's Responsibility:** The OSHA Hazard Communication Standard 29 CFR 1910.1200 requires that this SDS be made available to your employees who handle or may be exposed to this product. Educate and train your employees regarding applicable precautions. Instruct your employees to handle this product properly.

**Disclaimer:** The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for one's own particular use. Since the actual use of the product described herein is beyond our control, Holliston Sand company, Inc., assumes no liability arising out of the use of the product by others. Appropriate warnings and safe handling procedures should be provided to handlers and users. More information on the effects of crystalline silica exposure may be obtained from OSHA website: <http://www.osha.gov> or from NIOSH website: <http://www.cdc.gov/niosh>.

