



Clayscapes Pottery, Inc.  
 1003 West Fayette St.  
 Syracuse, NY 13204

## SAFETY DATA SHEET

### Section 1: Identification

Name, address, telephone number and emergency telephone number of manufacturer:

Clayscapes Pottery, Inc

1003 West Fayette Street

Syracuse, NY 13204

Telephone/Emergency Telephone: 315-424-6868

Product Identification: Ceramic Glazes

Recommended Use of Product: Glazing of ceramic ware

Cream	GCP1	Royal Blue	GCP16
Coastal Blue	GCP2	Tim's Dk Celadon	GCP17
Albany Gold	GCP3	Arctic Blue	GCP19
Garden Green	GCP4	Satin Black	GCP20
Aqua	GCP5	Copper Patina	GCP21
Starry Night	GCP7	Amber	GCP22
Spruce Blue	GCP8	Fog Gray	GCP23
Flame	GCP9	Crystal Clear	GCP24
Ron's Red	GCP10	Shadow Blue	GCP25
Brick	GCP11	Wheat	GCP26
Red Wood	GCP12	Frosted Mint	GCP27
Ron's Clear	GCP13	Pacific Blue	GCP28
Royal Purple	GCP14	Smokey Purple	GCP29
Turquoise Rain	GCP15	Pitch Black	GCP30
Clinton Pottery Red	GCP31	Lake Effect White	GCP32
Desert Sand	GCP33	Flat Bust	GCP34
Crown Heights	GCP35	Greenpoint	GCP36
Coney Island	GCP37	Sunset Park	GCP38
Brighton Beach	GCP39	Park Slope	GCP40
Red Hook	GCP41	Bushwick	GCP42
Butter	GCP43	Bright White	GCP44
Aurora	GCP45	Nebula	GCP46



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**Section 2: HAZARDS IDENTIFICATION**

Contains Crystalline Silica

Classification:

Eye Damage/Irritation	Category 2 Skin
Corrosion/Irritation	Category 2 Specific Target Organ
Toxicity - Single Exposure Target Organ	Category 3 - Respiratory Specific
Toxicity/Repeated Exposure	Category 1 - Respiratory
Carcinogenicity	Category 1a

Label Elements:      Signal Word: DANGER



Hazard Statement(s): H372: Causes damage to lungs through prolonged or repeated exposure via inhalation

Precautionary Statement(s): P260: Do not breathe dust.

P285: Always wear respiratory protection.

P501: Dispose of contents/containers in accordance with local regulation.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS NUMBER	% OF FORMULA
Silica (Quartz)	14808-60-7	1%-3%
Calcium Carbonate	1317-65-3	0%-3%
Frit (lead free)	65997-18-4	21%-55%
Various Pigments	Confidential	Varies



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Kaolin/Clay	1332-58-7	2%-7%
Zinc Oxide	1314-13-2	0%-1%
Nepheline Syenite/Feldspars	37244-96-5	0%-13%
Zirconium Silicate (Zr Si O4)	10101-57-7	0%-7%
Bentonite	1302-78-9	0%-2%
Bone Ash	7758-23-8	0%-10%
Gillespie Borate (Gerstley Sub)	12007-56-6	0%-20%
Lithium Carbonate	554-13-2	0%-15%
Spodumene,Chemical(2% iron)	1302-66-5	0%-25%
Tin Oxide	18282-10-5	0%-8%
Titanium Dioxide	13464-67-7	0%-10%
Wollastonite	13983-17-0	0%-20%

#### **Section 4: FIRST AID MEASURES**

##### DESCRIPTION OF FIRST-AID MEASURES

Ingestion: Contact a physician immediately

Inhalation: May cause irritation; remove from exposure

Skin Contact: May cause irritation; rinse skin with soap and water

Eye Contact: May cause irritation; flush eyes with water for at least 15 minutes. If irritation continues, contact a physician.

#### **Section 5: FIRE FIGHTING MEASURES**

##### EXTINGUISHING MEDIA

Suitable extinguishing media: None

##### SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Protective equipment for firefighters: None



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Special firefighting procedures: None

**Section 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment, and/or Emergency Procedures: None

Environmental Precautions: None

Methods and Materials for Containment and Clean Up: None

Special Spill Response Procedures: None

**Section 7: HANDLING AND STORAGE**

Precautions for Safe Handling and Use: Local Exhaust Ventilation when spraying

Conditions for Safe Storage: None

Incompatible Materials: None

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

INGREDIENTS	OSHA PEL	ACGIH TLV
Silica (Si O2)	30mg/m3	0.025mg/m3
Calcium Carbonate	15mg/m3	N/A
Frit	N/A	N/A
Various Pigments	N/A	N/A
Kaolin/Clay	N/A	N/A
Zinc Oxide	15mg/m3	2mg/m3
Nepheline Syenite/Feldspars	N/A	N/A
Zirconium Silicate	N/A	N/A
Bentonite	30mg/m2	0.1mg/m3
Bone Ash	N/A	N/A
Gillespie Borate	15mg/m3	5mg/m3
Lithium Carbonate	15mg/m3	N/A
Spodumene, Chemical (2% iron)	N/A	N/A
Tin Oxide	2.0mg/m3	N/A
Titanium Dioxide	10mg/m3	10mg/m3
Wollastonite	10mg/m3	0.025mg/m3



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## EXPOSURE CONTROLS

Ventilation and engineering measures: Adequate Ventilation (local exhaust) when spraying.

Respiratory protection: Use a NIOSH approved respirator when spraying.

Skin protection: Wear appropriate protective clothing such as, overalls, smocks, and aprons.

Eye/face protection: Wear safety glasses to keep dust out of eyes.

Hygienic Practices: Food, beverages, and smoking materials should not be in work area.  
Employees should wash hands thoroughly before eating, drinking, or smoking.

## Section 9: PHYSICAL/CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Colored or clear liquids
Upper/lower flammability or explosive limits:	None
Odor:	None
Vapor pressure:	N/A
Odor threshold :	Negligible
Vapor density:	N/A
pH:	N/A
Relative density:	N/A
Freezing point:	32 degrees Fahrenheit
Solubility(ies)	N/A
Initial boiling point and boiling range:	N/A
Flash Point:	N/A
Evaporation rate:	N/A
Flammability (solid gas):	N/A



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Partition coefficient: n-octanol/water:	None
Auto-ignition temperature:	N/A
Decomposition temperature:	None
Viscosity:	N/A

### **Section 10: Stability/Reactivity**

Reactivity:	N/A
Chemical stability:	Stable
Possibility of hazardous reactions:	None
Conditions to avoid:	Fumes from firing in the kiln; Mist created from applying spray
Incompatible materials:	None
Hazardous decomposition products:	N/A

### **Section 11: TOXICOLGICAL INFORMATION**

#### INFORMATION ON LIKELY ROUTES OF EXPOSURE

Routes of Entry: Inhalation is the most important during dispensing and mixing of dry products or excessive handling of unfired glazed materials during spraying.

POTENTIAL HEALTH EFFECTS, Signs and symptoms of short-term (acute) exposure:

Sign and symptoms inhalation: Coughing or irritation may occur.

Sign and symptoms ingestion: Sickness or irritation may occur.

Sign and symptoms skin: Redness or irritation may occur.

Sign and symptoms eyes: Redness or irritation may occur.

Potential chronic health effects: These mixtures contain silica, which can cause Silicosis through inhalation over an extended period of time. Overexposure to silica may also result in injury to the lungs.

Carcinogenicity: Cobalt is considered an animal carcinogen. Silica (quartz) is a human carcinogen.



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Additional Information: The water-based, premixed products and the dry mix products, when mixed with water, should be non-toxic during recommended use.

Pigments are various metals and compound metals; these may contain aluminum, chromium (III) vanadium, cobalt, copper, iron, manganese, praseodymium, selenium, tin, zinc, and zirconium. The risk of exposure to these metals is minimal due to low percentages used in glazed formulas. Dermal exposure is negligible since some of the metals used have poor dermal absorption. Inhalation exposure increases with the use of dry mix products.

Frits are fused silica glass like substances. Bioavailability is limited because of the physical appearance of the frit.

Toxicological data: These products conform to ASTM-4236 and have been certified by an independent, 3rd party toxicologist to be NON-TOXIC.

### **Section 12: ECOLOGICAL INFORMATION (non-mandatory)**

Eco toxicity:	None
Persistence and degradability:	Yes
Bioaccumulation potential:	No
Mobility in soil:	No
Other adverse environmental effects:	None

### **Section 13: DISPOSAL CONSIDERATIONS (non-mandatory)**

Handling for Disposal:	None
Methods of Disposal:	None



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#### **Section 14: TRANSPORT INFORMATION (non-mandatory)**

UN Shipping Name:	N/A
UN Number:	None
Environmental Hazard:	None
Packing Group:	None
Transportation Hazard Class:	N/A
Special Precautions:	None

NOT DANGEROUS FOR TRANSPORT

#### **Section 15: REGULATORY INFORMATION (non-mandatory)**

Silica (Quartz) and Cobalt are both listed by California, Proposition 65, as a carcinogen.

Silica (Quartz) and Cobalt are listed on the IARC, OSHA, and NTP carcinogen list.

All ingredients are on U.S. TSCA Inventory.

All products listed in this SDS conform to ASTM-4236 standards. Materials have been evaluated under the provisions of Labeling of Hazardous Art Material Act. These products have been listed as non-toxic and nonflammable under proposed use conditions. No specific warning is required.

#### **Section 16: OTHER INFORMATION**

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of knowledge of Clayscapes Pottery, Inc. or obtained from other references and sources believed to be accurate. Clayscapes Pottery Inc. does not assume any legal responsibility for use or reliance on our products. Customers are encouraged to conduct their own tests before using any product. Read all product labels prior to handling.

Preparation Date: March 24, 2016