

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

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

Standard Ceramic Supply Company  
24 Chestnut Street / P.O. Box 16240  
Carnegie, PA 15106-2028  
Telephone / Emergency Telephone Number: 412-276-6333

Product Identifier used on the label: Plastic Vitrox, Special Dry Blend

Recommended use of product: Ceramic ware

### Section 2: HAZARDS IDENTIFICATION

Contains Crystalline Silica

<b>Classification:</b> Eye Damage/Irritation Skin Corrosion/Irritation Toxicity - Single Exposure Specific Target Organ Toxicity/Repeated Exposure Carcinogenicity	<b>Category 2</b> <b>Category 2 Specific Target Organ</b> <b>Category 3 - Respiratory</b> <b>Category 1 - Respiratory</b> <b>Category 1a</b>
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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
Kaolin/Clay	1332-58-7	0% - 25%

Silicon Dioxide	14808-60-7	0% - 60%
Feldspar	68476-25-5	0% - 50%

**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 afterwards, 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

**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:** None

**Conditions for Safe Storage:** None

Incompatible Materials: None

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

**EXPOSURE LIMITS**

Ingredients	OSHA PEL	ACGIH TLV
Kaolin/Clay	N/A	N/A
Silicon Dioxide	6mg/m3	3mg/m3
Feldspar	N/A	N/A

**EXPOSURE CONTROLS**

Ventilation and engineering measures: None

Respiratory protection: Use a NIOSH approved respirator.

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

Eye/face protection: None

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.):	Solid
Upper/lower flammability or explosive limits:	None
Odor:	None
Vapor pressure:	N/A
Odor threshold :	Negligible
Vapor density:	N/A
pH:	N/A

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Relative density:	N/A
Freezing point:	N/A
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
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: None

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 excessive handling of clay.

**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:** Silica (Quartz) is a human carcinogen.

**Toxicological data:** These products conform to ASTM-4236 and have been certified by an independent, 3<sup>rd</sup> 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

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

**UN Shipping Name:** N/A

**UN Number:** N/A

**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) is listed by California, Proposition 65, as a carcinogen.**

**Silica (Quartz) is 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 non-flammable under proposed use conditions. No specific warning is required.**

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

**This information is furnished with out warranty, representation, inducement or license or any kind, except that it is accurate to the best of knowledge of Standard Ceramic Supply Company or obtained from other references and sources believed to be accurate.**

**Standard Ceramic Supply Company 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: 06/12/2014**