



## Material Safety Data Sheet

**Product Name:** C612 Black Orbit Cone 6 Glaze

**Product Code:** C6123D, C6126D

**Product Use:** For use in the preparation of liquid glaze for application in ceramics. Comes in dry, powdered form to be mixed with water for use. Mixing instructions are included. Six pounds of glaze yields one gallon of wet glaze. In its liquid form, it is recommended that this glaze be applied by dipping or by spraying, though brushwork is also possible.

### Section I: Manufacturer Information

**Company Name:**

The Ceramic Shop  
3245 Amber Street, 1st Floor  
Philadelphia, PA 19134  
United States

**Telephone:** 215-427-9665    **Fax:** 419-735-1063

**Date Prepared:** 10/2012

**Additional Information:** This MSDS contains, to the best of our knowledge, accurate information regarding the safety and use of this product.

### Section II: Hazardous Ingredients

**Potentially Hazardous Components:**

Silica: 40-45%  
Cobalt Oxide: < 2%  
Red Iron Oxide: < 8%  
Zinc Oxide: < 3%

### Section III: Physical/Chemical Characteristics

Appearance: Powder  
pH:  
Odor: None  
Solubility in Water: some solubility, but components may settle out of solution  
Volatile Components: None

### Section IV: Fire and Explosion Hazard Data

Flammable: No  
Extinguishing Media: N/A  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

## **Section V: Reactivity Data**

Incompatibility: None known

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: None

Conditions to Avoid: None

## **Section VI: Potential Health Hazards**

This glaze is lead free, non-toxic and conforms to ASTM 4236 standards.

**Inhalation:** Product contains silica – repeated or prolonged exposure to silica in its powdered form could result in serious respiratory problems, including silicosis or pneumoconiosis. Potential hazards decrease when this product is used in liquid form.

**Skin:** Some sensitivity/irritation could occur in individuals with allergic responses.

**Eyes:** May cause tearing, redness, and/or irritation.

**Ingestion:** May cause gastric irritation.

**Signs and Symptoms of Exposure:** Skin and/or eye irritation, coughing, chest pain.

**Medical Conditions Generally Aggravated by Exposure:** Respiratory conditions

**Emergency and First Aid Procedures:** If contact with eyes, thoroughly flush eyes with copious amounts of water for 15 minutes. If inhalation, move to clean air and take deep breaths. If ingested, drink large amounts of water to induce vomiting. If contact with skin, wash thoroughly with soap and water. In all of these cases, always consult a physician.

## **Section VII: Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled:** Flush area of spill with water and collect with absorbent material and dispose properly in a sealed container. Minimize dust inhalation during clean up.

**Waste Disposal Method:** In accordance with local regulations for disposal of non-hazardous waste.

**Handling and Storage:** This product should be resuspended in water before use. Store both dry and liquid forms at room temperature in a closed container. Avoid extreme temperatures.

## **Section VIII: Control Measures**

**Ventilation:** Use in a well ventilated area.

**Protective Clothing or Equipment:** For individuals with allergic responses, enclosed footwear, protective apparel.

**Eye Protection:** Safety goggles recommended.

**Respirator:** If adequate ventilation is not available.

**Protective Gloves:** Recommended.

**Work/Hygienic Practices:** Wash any areas that have come in contact with soap and water.