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# SAFETY DATA SHEET

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## SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

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**Identity:** **LIQUID GLAZES FAMILIES** - Archie's Base and Archie's Series Colors, Celadon Colors and Clear, Crazed Copper, Oasis Blue, Saturated Iron, Turquoise Glaze (898-1), Oxblood, Creamy Matt (and Colors), Under Colors, Texas Two Step, Bronze Temmoku, Copper Blue, Gloss Colors, Over Colors, Texas Two Step, Rusty Brown, Toshi Brown, Satin Colors, Snowy Plum, JB Colors, Light Shino (and Colors), Recycled Glaze

**Code:**

**Uses:** Glaze for ceramic use

**Manufacturer's Name:** Coyote Clay and Color.,

**Address:** 5125 Edith Blvd NE, Albuquerque, NM 87107

**Tel Phone:** 866-344-2250      **Emergency Tel:** Regional Poison Control Center

## SECTION 2 - HAZARD IDENTIFICATION

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Each Liquid glaze family is a non-hazardous water based mixture of ceramic material containing non-lead frits, clay, and other minerals and color pigments. Contains small amounts of potential carcinogens: Crystalline silica (quartz) may be present (up to 15% in some glazes). A few pigments may contain a very small amount of bound cadmium, titanium dioxide, and other metals. Other ingredients present have unknown acute toxicity

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## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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Each liquid glaze family is a non-hazardous water based proprietary mixtures of several of the ceramic materials listed below and color pigments

| Ingredient         | CAS#       | % by weight |
|--------------------|------------|-------------|
| Water              | 7732-18-5  | 50%         |
| Feldspar           | 68476-25-5 | 0 - 21.9    |
| Nepheline Syenite  | 37244-96-5 | 0 - 19.7    |
| Frit               | 65997-18-4 | 0 - 16.6    |
| Silica (Quartz)    | 14808-60-7 | 2.1- 15.4   |
| Limestone          | 1317-65-3  | 0 - 11.7    |
| Calcium Borate     | 12046-09-2 | 0 - 10.1    |
| Clay/Kaolin        | 1332-58-7  | 0.8- 8.1    |
| Iron Oxide (Black) | 1309-38-2  | 0 - 5.3     |

|                            |            |         |
|----------------------------|------------|---------|
| Zinc Oxide                 | 1314-13-2  | 0 -5.0  |
| Iron Oxide (Red)           | 1309-37-1  | 0 4.6   |
| Lithium Carbonate          | 544-13-2   | 0 -4.4  |
| Talc                       | 14807-96-6 | 0 - 4.0 |
| Dolomite                   | 16389-88-1 | 0 - 4.0 |
| Calcium Phosphate, Dibasic | 7757-93-9  | 0 - 4.0 |
| Zirconium Silicate         | 14940-68-2 | 0 -3.7  |
| Titanium Dioxide           | 13463-67-7 | 0 -2.7  |
| Silicon Carbide            | 409-21-2   | 0 -1.8  |
| Bentonite                  | 1302-78-9  | 0- 1.5  |
| Copper Carbonate           | 1164-64-1  | 0 -1.5  |
| Magnesium Sulfate          | 7487-88-9  | 0-1.2   |
| Spodumene                  | 1302-37-0  | 0 >1    |
| Wollastonite               | 23983-17-0 | 0 >1    |
| Magnesium Carbonate        | 546-93-0   | 0 >1    |
| Lithium Aluminum Silicate  | 12068-40-5 | 0 >1    |
| Strontium Carbonate        | 1663-05-2  | 0 >1    |
| Pigments                   | Varies     | Varies  |

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#### **SECTION 4 – FIRST-AID MEASURES**

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Inhalation: May cause irritation. Remove from exposure.  
Skin: May cause irritation, Wash skin with soap and water.  
Eye: May cause irritation, Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.  
Ingestion: Contact a physician

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#### **SECTION 5 – FIRE-FIGHTING MEASURES**

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| Special Fire-Fighting Procedure – None | Unusual Fire or Explosion Hazards - None |
| Extinguishing Media – None             | Hazardous Combustion Products - None     |

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#### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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Personal Precautions: None  
Methods for containment and clean up - clean up spills with water  
Environmental Precautions - None

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## SECTION 7 – HANDLING AND STORAGE

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Precautions for safe handling: None  
Conditions for safe storage: None  
Procedures for Leaks or Spills - None

Procedure/Equipment - None  
Work Practices - None

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## SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

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**Exposure Limits** - These non-hazardous liquids glazes are water based mixtures of ceramic material containing non-lead frits, clay, silica and other minerals and color pigments.

These mixtures have no TLV or PEL

**Engineer Control** – Adequate ventilation (local exhaust) if sprayed

**Personal Protective Equipment** - For spray application –eye protection and respirators and protective clothing such as aprons.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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Appearance –liquid  
Odor and Odor Threshold – Negligible  
Flash Point - None  
pH – NA  
Boiling Point/Boiling Range - None  
Vapor Pressure – N/A  
Vapor Density – N/A  
Evaporation Rate - None  
Melting/Softening Point – N/A

Upper/Lower Explosive Limits - None  
Partition Coefficient(octanol/H<sub>2</sub>O)-NA  
Flammability– None  
Decomposition Temperature - None  
Solubility in Water- Partial  
Viscosity - NA  
Evaporation Rate - None  
Specific Gravity – Unknown  
Auto-Ignition Temperature - None

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## SECTION 10 – STABILITY AND REACTIVITY

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Chemical Stability –Stable  
Hazardous Decomposition Products – N/A  
Incompatible Material – None

Hazardous Reactions - None  
Conditions to Avoid - Fumes from firing  
In kiln

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

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Primary Route of Entry – Dermal, Inhalation (If sprayed)

Hazard to Humans - None during normal use (non spray use)

Animal Experiment (liquid glazes)

Acute Toxicity, – No data

Skin and eye irritation - No data,

Sensitization - No data

Mutagenicity- No data

Carcinogenicity No data

Reproductive Toxicity - No data

Additional Information This mixture contain silica a know carcinogen (by inhalation  
This chemical mixture, in water, should be non-toxic during recommended use

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## **SECTION 12 – ECOLOGICAL INFORMATION**

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Ecotoxicity --- None

Persistence -Yes

Biodegradability - No

Bioaccumulation - No

Mobility in Soil - No

Other adverse effects - None

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## **SECTION 13 – DISPOSAL INFORMATION**

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Follow Local, State And Federal Regulations

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## **SECTION 14 – TRANSPORTATION INFORMATION**

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UN Number - None

UN Proper Shipping Name - None

Transportation Hazard Class - NA

Packing Group - None

Environmental Hazard - None

Special Precautions - None

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## **SECTION 15 --REGULATORY INFORMATION**

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Silica (quartz) and titanium dioxide are listed by California Prop 65 as carcinogens

Silica (quartz) is listed on the IARC, OSHA, or NTP carcinogen list.

SARA Section 313 – None

See local requirements.

Conforms to ASTM D 4236 This material has been evaluated under the provision of LHAMA (Labeling of hazardous art material act). This product is judged to be non-toxic and non- flammable under proposed use conditions. No special warning is required under the provisions of LHAMA or California Proposition 65

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## **SECTION 16 - OTHER INFORMATION**

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**Date Prepared:** May 15, 2014,

**Replaces MSDS dated 2007**