
SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF SUBSTANCE AND COMPANY PREPARING INFORMATION

Identity: DRY 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,, Snowy Plum, JB Colors, Light Shino (and Colors), Satin Colors

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

Each dry glaze family is a mixture of ceramic material containing non-lead frits, clay, and other minerals and color pigments. Contains potential carcinogens: Crystalline silica (quartz) may be present (up to 30% in product). A few pigments may contain a very small amount of bound cadmium, titanium dioxide, and other metals. Other ingredients present have unknown acute toxicity

R- 49 may cause cancer by inhalation

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Each dry glaze family is a proprietary mixture of some of ceramic materials listed below and color pigments. They are considered non-hazardous after addition of water

Ingredient	CAS#	% by weight
Feldspar	68476-25-5	0 - 43.8
Nepheline Syenite	37244-96-5	0 - 39.3
Frit	65997-18-4	0 -33.2
Silica (Quartz)	14808-60-7	4.2-30.7
Limestone	1317-65-3	0 -21,3
Calcium Borate	12046-09-2	0 - 20.2
Clay/Kaolin	1332-58-7	1.6-16.2
Iron Oxide (Black)	1309-38-2	0 -10.5

Zinc Oxide	1314-13-2	0 -10.0
Iron Oxide (Red)	1309-37-1	0 8.9
Lithium Carbonate	544-13-2	0 - 8.8
Talc	14807-96-6	0 - 8.0
Dolomite	16389-88-1	0 - 8.0
Calcium Phosphate, Dibasic	7757-93-9	0 - 8.0
Zirconium Silicate	14940-68-2	0 -7.1
Titanium Dioxide	13463-67-7	0 -5.3
Silicon Carbide	409-21-2	0 - 3.6
Bentonite	1302-78-9	0- 2.9
Copper Carbonate	1164-64-1	0 -2.9
Magnesium Sulfate	7487-88-9	0-2.3
Tin Oxide	18282-10-5	0-1.7
Spodumene	1302-37-0	0-3.6
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

SECTION 4 – FIRST-AID MEASURES

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

SECTION 5 – FIRE-FIGHTING MEASURES

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: None
 Methods for containment and clean up - sweep up spill and rinse area with water
 Environmental Precautions - None

SECTION 7 – HANDLING AND STORAGE

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

Procedure/Equipment - None
Work Practices - None

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits -

Ingredient	CAS#	PEL	TLV
Silica (Quartz)	14808-60-7		0.025 mg/m ³
Iron Oxide (Black)	1309-38-2		1.0 mg/m ³
Zinc Oxide	1314-13-2	5.0 mg/m ³	2.0 mg/m ³
Iron Oxide (Red)	1309-37-1		1.0 mg/m ³
Talc	14807-96-6		2.0 mg/m ³
Zirconium Silicate	14940-68-2	5.0 mg/m ³	5.0 mg/m ³
Titanium Dioxide	13463-67-7	15.0 mg/m ³	10.0 mg/m ³
Silicon Carbide	409-21-2		10.0 mg/m ³
Copper Carbonate	1164-64-1	1.0 mg/m ³	1.0 mg/m ³
Tin Oxide	18282-10-5		2.0 mg/m ³
Magnesium Carbonate	546-93-0	15.0 mg/m ³	

Remaining ingredients do not have formal Exposure Limits. When dry glazes are mixed with water non-hazardous liquids mixtures of ceramic material containing non-leaded frits, clay, and other minerals and color pigments are formed. 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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance –Dry colored mixture
Odor and Odor Threshold – Negligible
Flash Point - None
pH – NA
Boiling Point/Boiling Range - None
Vapor Pressure – N/A

Upper/Lower Explosive Limits - None
Partition Coefficient(octanol/H₂O)-NA
Flammability– None
Decomposition Temperature - None
Solubility in Water- Partial
Viscosity - NA

Vapor Density – N/A
Evaporation Rate - None
Melting/Softening Point – N/A

Evaporation Rate - None
Specific Gravity – Unknown
Auto-Ignition Temperature - None

SECTION 10 – STABILITY AND REACTIVITY

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

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

SECTION 11 – TOXICOLOGICAL INFORMATION

Primary Route of Entry – Dermal, Inhalation (If sprayed)
Hazard to Humans - None during normal use (non spray use)

Animal Experiment (glazes)

Acute Toxicity, – No data

Sensitization - No data

Carcinogenicity No data

Skin and eye irritation - No data,

Mutagenicity- 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

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity --- None

Biodegradability - No

Mobility in Soil - No

Persistence -Yes

Bioaccumulation - No

Other adverse effects - None

SECTION 13 – DISPOSAL INFORMATION

Follow Local, State And Federal Regulations

SECTION 14 – TRANSPORTATION INFORMATION

UN Number - None
UN Proper Shipping Name - None
Transportation Hazard Class - NA
Packing Group - None
Environmental Hazard - None
Special Precautions - None

SECTION 15 --REGULATORY INFORMATION

Silica, (quartz), titanium dioxide are listed by California Proposition 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

SECTION 16 - OTHER INFORMATION

Date Prepared: May 15, 2014,

Replaces MSDS dated 2007