

# DRY STONEWARE GLAZES

## SAFETY DATA SHEET (SDS)

Version: 02

Date of Issue: June 15, 2022

According to: Article 18(3)(a) of Regulation (EC) No  
1272/2008

### Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product identifier

Product Name: Dry Stoneware Glazes  
OLIVINE (SD127), OLIVE FLOAT (SD151), EMERALD (SD210), SPECKLED  
TOAD (SD184)

Other Means of Identification: None

Product Description: Powder formulations (5 lbs per color) intended to be used for arts and crafts purposes.

Hazardous Components for labelling:

- Quartz (crystalline silica) (CAS No. 14808-60-7)
- Feldspar (CAS No. 68476-25-5)
- Zinc oxide (CAS No. 1314-13-2)
- Titanium dioxide (CAS No. 13463-67-7)
- Cuperic oxide (CAS No. 1317-38-0)

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s): Use product for its intended purpose as a glaze product intended for arts and crafts purposes. This product is intended for small batch use.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Coloramics LLC  
4077 Weaver Court South  
Hilliard, OH 43026Business

Business Phone: 614-675-1171  
Email: info@maycocolors.com

#### 1.4 Emergency telephone number

Emergency Telephone: Contact the local poison control centre.

## Section 2 – Hazard(s) Identification

### 2.1. Classification of the substance or mixture

According to: Regulation (EC) No 1272/2008 [CLP]

	Health	Environment	Physical
<b>Classification according to Regulation (EC) No 1272/2008 [CLP]</b>	Specific Target Organ Toxicity – Repeated Exposure (Category 1), H372  Carcinogenicity (Category 1A), H350i  Specific Target Organ Toxicity – Single Exposure (Category 2), H371	Not classified	Not classified
<b>SCL and/or M-factor</b>	N/A	N/A	N/A
<b>Classification Procedure</b>	N/A	N/A	N/A

### 2.2. Label elements

Label Pictogram:



**Signal Word:** Danger

**Hazard statements & Precautions:**

<b>Specific Target Organ Toxicity – Repeated Exposure (Category 1)</b>	<b>Causes damage to organs through prolonged or repeated exposure.</b> Do not breathe dust/fume/gas/mist/vapors/spray. (P260) Wash hands thoroughly after handling. (P264) Do not eat, drink or smoke when using this product. (P270) Get medical advice/attention if you feel unwell. (P314) Dispose of contents/container in accordance with local, regional, national, and/or international regulations. (P501)
<b>Carcinogenicity (Category 1A)</b>	<b>May cause cancer by inhalation.</b> Obtain special instructions before use. (P201) Do not handle until all safety precautions have been read and understood. (P202) Do not breathe dust. (P260) Use personal protective equipment as required. (P281) IF exposed or concerned: Get medical advice/attention. (P308+P313) Store locked up. (P405) Dispose of contents/container in accordance with local, regional, national, and/or international regulations. (P501)
<b>Specific Target Organ Toxicity – Single Exposure (Category 2)</b>	<b>May cause damage to organs.</b> Do not breathe dust/fume/gas/mist/vapors/spray. (P260) Wash hands thoroughly after handling. (P264) Do not eat, drink or smoke when using this product. (P270) IF exposed or if you feel unwell: call a POISON CENTER or doctor/physician. (P309+P311) Store locked up. (P405) Dispose of contents/container in accordance with local, regional, national, and/or international regulations. (P501)

## 2.3. Other hazards

- No other hazards have been identified for this product.

## Section 3 – Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS No.</u>	<u>% Weight</u>
Quartz (crystalline silica)	14808-60-7	238-878-4	up to 30.28962%
Feldspar	68476-25-5	270-666-7	up to 48.09600%
Zinc oxide	1314-13-2	215-222-5	up to 5.163600%
Titanium dioxide	13463-67-7	236-675-5	up to 1.122000%
Cuperic oxide	1317-38-0	215-269-1	up to 6.154400%

## Section 4 – First Aid Measures

### 4.1 Description of first aid measures

**Eye contact:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and immediately flush eyes with water. Seek medical attention if in doubt.

**Skin contact:** No specific first aid measures are required. Wash skin thoroughly with soap and water. If skin irritation or rash occurs get medical attention. Launder contaminated clothing before reuse.

**Inhalation:** If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if you feel unwell.

**Ingestion:** Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. IF GASTROINTESTINAL irritation occurs: Get medical advice/attention. Seek medical attention if in doubt.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to **Section 11** - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Not required

## Section 5 – Fire Fighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding area if material is involved in a fire (e.g., water fog, water spray, foam, dry chemical or carbon dioxide).

**Unsuitable Extinguishing Media:** None known

### 5.2 Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards:** Container may rupture on heating. See also **Section 10** - Stability and Reactivity.

### 5.3 Advice for firefighters

- Wear a self-contained breathing apparatus.

## Section 6 – Accidental Release Measures

### 6.1 Personal precautions, protective equipment (PPE) and emergency procedures

**Personal Precautions:** Avoid dust formation. Ventilate area if spilled in confined space or other poorly ventilated areas. Observe PPE advice in **Section 8** – Exposure Controls/Personal Protection.

**Emergency Procedures:** Evacuate personnel to safe areas.

### 6.2 Environmental precautions:

- Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities. Prevent further leakage or spillage if it is safe to do so.

### 6.3 Methods and material for containment and cleaning up

**Containment/Clean-up Measures:** Contain spill if safe to do so. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Dispose of contents/container in accordance with local/regional/national/international regulations.

### 6.4 Reference to other sections

- Refer to **Section 8** - Exposure Controls/Personal Protection and **Section 13** – Disposal Considerations.

## Section 7– Handling and Storage

### 7.1 Precautions for safe handling

- Avoid breathing dust. Avoid contact with skin and eyes. Provide adequate ventilation. Observe good industrial hygiene practices. When using do not eat, drink or smoke. Wear appropriate personal protective equipment. Keep containers closed and locked away in a well-ventilated space when not in use. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Launder contaminated clothing before reuse.
- Refer to **Section 8** - Exposure Controls/Personal Protection

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep from freezing. Do not store in open, unlabeled or mislabeled containers. Keep container tightly closed and dry. Store away from incompatible materials. Store locked up. See **Section 10** for incompatible materials.

### 7.3 Specific end use(s)

- Refer to **Section 1.2** - Relevant identified uses.

## Section 8– Exposure Controls / Personal Protection

### 8.1 Control Parameters:

**Occupational exposure limits:**

Chemical Name	CAS No.	ACGIH TLVs TWA (mg/m <sup>3</sup> )	OSHA PELs TWA (mg/m <sup>3</sup> )	NIOSH RELs TWA (mg/m <sup>3</sup> )	DFG MAK TWA (mg/m <sup>3</sup> )
Quartz (crystalline silica)	14808-60-7	0.025	0.05	0.05	Not applicable
Feldspar	68476-25-5	Not applicable	Not applicable	Not applicable	Not applicable
Zinc oxide	1314-13-2	2	15 (total dust) 5 (respirable fraction)	5 (dust only)	0.1 (respirable)
Titanium dioxide	13463-67-7	10	15 (total dust)	Not applicable	Not applicable
Cuperic oxide	1317-38-0	Not applicable	Not applicable	Not applicable	0.01

## 8.2 Exposure Controls:

### Appropriate engineering controls

- No special requirements under ordinary conditions of use and with adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required. In case of dust formation use a respirator with an approved filter.

## 8.3 Personal Protective Equipment

Note: Consider the concentration and amount of product at the workplace when selecting PPE. Use protective equipment as required.

<b>Respiratory:</b>	Use appropriate respiratory protection when handling to minimize exposure to dust particles. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.
<b>Eyes/Face:</b>	If contact is likely, safety glasses with side shields are recommended. An eyewash bottle or station should be available in the workplace. Wear a face shield if splash or spray is likely.
<b>Hands:</b>	Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur, wear chemically protective gloves.
<b>Body/Skin:</b>	Wear chemically impervious gloves, coveralls, apron, boots as necessary to minimize contact. Do not wear rings, watches or similar apparel that could entrap the material.
<b>Thermal Hazards:</b>	None known
<b>Environmental Exposure Controls:</b>	Not available
<b>Hygiene measures:</b>	Observe good industrial hygiene practices. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace and should be washed before reuse. When using the product do not eat, drink or smoke.

## Section 9 – Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Note: The data below are typical values and do not constitute a specification.

<b>Appearance:</b> <b>Physical state:</b> <b>Form:</b> <b>Color:</b> <b>Odor:</b>	Dry Powder Powder See section 1.1 Not available	<b>Partition Coefficient n-octanol/water:</b> <b>Auto-ignition temperature:</b>	Not available Not available
<b>Odor threshold:</b>	Not available	<b>Decomposition temperature:</b>	Not available
<b>pH (as supplied):</b>	Not available	<b>Dynamic viscosity:</b>	Not available
<b>Freezing point:</b>	Not available	<b>Molecular weight:</b>	Not available
<b>Boiling point:</b>	Not available	<b>Taste:</b>	Not available
<b>Flash point:</b>	Not available	<b>Explosive properties:</b>	Not available
<b>Evaporation rate:</b>	Not available	<b>Oxidizing properties:</b>	Not available
<b>Flammability:</b>	Not available	<b>Surface tension:</b>	Not available
<b>Upper/lower explosive limits:</b>	Not available	<b>Gas group:</b>	Not available
<b>Vapor pressure:</b>	Not available	<b>pH (as solution):</b>	Not available
<b>Water solubility:</b>	Not available	<b>VOC:</b>	Not available
<b>Solubility (other):</b>	Not available	<b>Particle size range:</b>	Not available
<b>Vapor density (Air = 1):</b>	Not available	<b>Specific gravity (Water = 1):</b>	Not available
<b>Relative density:</b>	Not available		

## 9.2 Other information

- No data available

## Section 10 – Stability and Reactivity

### 10.1 Reactivity

- No data available

### 10.2 Chemical stability

- This material is considered stable under normal handling and storage conditions.

### 10.3 Possibility of hazardous reactions

- None known

### 10.4 Conditions to avoid

- None known

### 10.5 Incompatible materials

- Strong acids
- Strong bases
- Strong reducing agents
- Strong oxidizing agents

### 10.6 Hazardous decomposition products

- Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

## Section 11 – Toxicological Information

**Likely routes of exposure:** Skin/eye contact, inhalation of dust.

**Potential signs and symptoms:**

<b>Acute oral toxicity:</b>	The components in this product have not been classified for acute oral toxicity. The product is practically nontoxic based on available data. The acute oral toxicity estimate (ATE) is >5000 mg/kg0.
<b>Acute dermal toxicity:</b>	The components in this product have not been classified for acute dermal toxicity. The product is practically non-toxic based on available data.
<b>Acute inhalation toxicity:</b>	The components in this product have not been classified for acute inhalation toxicity. The product is practically non-toxic based on available data.
<b>Skin corrosion/irritation:</b>	The other components in this product are not irritating to skin or mucous membranes based on animal studies and available data.
<b>Serious eye damage/irritation:</b>	The components in this product are not irritating to the eyes based on animal studies and available data. Irritation may occur if powder gets into the eyes. Signs and symptoms include but are not limited to: dryness, itchiness, pain, and redness. Wash eyes thoroughly following eye contact and wear proper PPE to minimize dust exposure.
<b>Respiratory or skin sensitization:</b>	The components in this product are not sensitizing to the skin or respiratory system based on available data.

<b>Mutagenicity:</b>	The components of this product are not classified with respect to mutagenicity by the IARC, NTP, and ACGIH.
<b>Carcinogenicity:</b>	Quartz (crystalline silica) (CAS No. 14808-60-7) is listed in Group 1 by IARC. Titanium dioxide (CAS No. 13463-67-7) is listed in Group 2B by IARC. Quartz (crystalline silica) is listed as a carcinogen by NTP and ACGIH. No other components are classified with respect to carcinogenicity by the IARC, NTP, and ACGIH.
<b>Reproductive Toxicity:</b>	The components in this product are not reproductive hazards based on available information, human and/or animal studies.
<b>Specific target organ toxicity (single exposure):</b>	Feldspar (CAS No. 68476-25-5), has been classified for single exposure specific target organ toxicity. Cuperic oxide (CAS No. 1317-38-0) may cause gastrointestinal irritation. Signs and symptoms include, but are not limited to: nausea, vomiting and abdominal discomfort. The other components in this product are not single exposure specific target organ toxicity hazards based on available information, human and/or animal studies.
<b>Specific target organ toxicity (repeated exposure):</b>	Quartz (crystalline silica) (CAS No. 14808-60-7), has been classified as a repeated exposure specific target organ toxicity hazard. Extended inhalation at levels above the workplace limit value can cause irreversible damage to the lungs (silicosis). Signs and symptoms include but are not limited to: difficulty breathing and coughing. The other components in this product are not repeated exposure specific target organ toxicity hazards based on available information, human and/or animal studies.
<b>Aspiration hazard:</b>	The components in this product are not aspiration hazards based on available information, human and/or animal studies.

**References:**

ECHA. 2022. REACH Registered Substances Database.  
International Agency for Research on Cancer

## Section 12 – Ecological Information

### 12.1 Toxicity

Chemical Name	CAS No.	Species	Result (mg/L)
Zinc oxide	1314-13-2	Selenastrum capricornutum	CE50=170 (72-hour)

### 12.2 Persistence and degradability

- No product data available.

### 12.3 Bioaccumulative potential

- Cuperic oxide (CAS No. 1317-38-0) has no potential for bioaccumulation.

### 12.4 Mobility in Soil

- Cuperic oxide (CAS No. 1317-38-0) has a Kd soil: 2120 L/kg

### 12.5 Results of PBT and vPvB assessment

- No data available

### 12.6 Other adverse effects

- No further data available

## Section 13 – Disposal Considerations

### 13.1 Waste treatment methods

**Preparing wastes for disposal:** Use product for its intended purpose or recycle if possible. Dispose of waste in accordance with local, regional, national, and/or international regulations. The empty container has residues which may exhibit hazards of the product.

**Contaminated Packaging:** Container packaging may exhibit hazards.

## Section 14 – Transport Information

Note: This product is not regulated as dangerous goods for transport. Review classification requirements before shipping materials at elevated temperatures.

	ADR/RID/ADNR/DOT	IMO/IMDG	ICAO/IATA
<b>14.1 UN number</b>	Not regulated	Not regulated	Not regulated
<b>14.2 UN proper shipping name</b>	Not regulated	Not regulated	Not regulated
<b>14.3 Transport hazard class(es):</b>	Not regulated	Not regulated	Not regulated
<b>14.4 Packing group</b>	Not regulated	Not regulated	Not regulated
<b>14.5 Environmental hazards</b>	Not regulated	Not regulated	Not regulated
<b>14.6 Special precautions for user</b>	Not regulated	Not regulated	Not regulated

## Section 15 – Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### European Union

**Seveso Directive (2012/18/EU):** No components in this product are listed.

**Regulation (EC) No. 1005/2009, Annex I and II:** No components in this product are listed.

**Regulation (EC) No. 689/2008, Annex I, Parts I-III:** No components in this product are listed.

**Regulation (EC) No. 850/2004, Annex I:** No components in this product are listed.

#### International:

**IARC:** Quartz (crystalline silica) (CAS No. 14808-60-7) is listed in Group 1. Titanium dioxide (CAS No. 13463-67-7) is listed in Group 2B. No other components in this product are classified with respect to carcinogenicity.

### 15.2 Chemical Safety Assessment

- None available for the components in this product.

Note: The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.



## Section 16 – Other Information

### List of acronyms and abbreviations:

ACGIH: American Conference of Governmental Industrial Hygienists	vPvB: very Persistent, very Bioaccumulative
ADR: International Carriage of Dangerous Goods by Road	IMO: International Maritime Organization
ADNR: Regulation for the Carriage of Dangerous Substances on the Rhine	MARPOL: Maritime Pollution
ATE: Acute Toxicity Estimate	M-factor: Multiplying factor
CAS: Chemical Abstract Service Number	NTP: National Toxicology Program
CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008	PBT: Persistent, Bioaccumulative and Toxic
DOT: Department of Transportation	PPE: Personal Protective Equipment
EC: European Commission	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
ECHA: European Chemicals Agency	RID: International Carriage of Dangerous Goods by Rail
GHS: Globally Harmonized System	SCL: Specific Concentration Limit
IBC: International Bulk Chemical	SDS: Safety Data Sheet
IARC: International Agency for Research on Cancer	UN: United Nations
IATA: International Air Transport Association	VOC: Volatile Organic Compound

### References:

- European Chemicals Agency (ECHA) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- European Chemicals Agency Classification and Labelling Inventory Database.
- International Agency for Research on Cancer

### Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Revision Indicator:** This is a 1<sup>st</sup> revision.

**Creation Date:** June 14, 2022