



Foundations Glazes

SAFETY DATA SHEET (SDS)

Version: 01
Date of Issue: April 21, 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: Foundations Glazes
WHITE FN1, YELLOW FN2, ORANGE FN3, RED FN4, PINK FN5, BLUE FN6, GREEN FN7, BROWN FN8, BLACK FN9, TREE GREEN FN10, LIGHT BLUE FN11, LAVENDAR FN12, LIGHT YELLOW FN13, ANTIQUE WHITE FN14, BRICK RED FN15, HARVEST ORANGE FN16, PURPLE FN17, BRIGHT BLUE FN18, DARK BLUE FN19, MEDIUM GREEN FN20, OLIVE GREEN FN21, TAN FN22, CINNAMON FN23, GRAY FN24, RASPBERRY WHIP FN25, GLADE GREEN FN27, WISTERIA PURPLE FN28, RICH CHOCOLATE FN29, CORN FLOWER BLUE FN31, CANTON JADE FN32, MEDITERRANEAN TEAL FN33, BIG SKY BLUE FN34, DEEP RED FN35, GRAPE FN36, CHARTREUSE FN37, SAND FN38, LIGHT GREY FN39, PUMPKIN FN40, MEDIUM BLUE FN41, TEAL BLUE FN42, BRIGHT JADE FN43, YELLOW ORANGE FN44, TAUPE FN45, SAGE FN46, LIGHT PINK FN47, BRIGHT PINK FN48, FLAMINGO FN49, STRAWBERRY FN51, TANGERINE FN52, MINT FN53, PISTACHIO FN54, GOLDEN CLEAR FN201, YADRO FN202, DRY CHAMPAGNE FN203, MUDPUDDLE BROWN FN204, SADDLE TAN FN205, ORANGE SLICE FN207, CRYSTAL CORAL FN208, FLORAL PINK FN209, SHEER BLUE FN211, BLUE DIAMOND FN212, SAFFIRE BLUE FN213, PASTEL JADE FN214, SEA GLASS FN216, SOOTY GRAY FN220, MILK GLASS WHITE FN221, POPPY FN230, CLEARLY JADE FN231..

Other Means of Identification: None known
Product Description: Liquid ceramic glaze formulations (various sizes: 4oz, 1 pint, 1 gal) intended to be used for arts and crafts purposes.

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 ceramic glaze product intended for arts and crafts purposes.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Coloramics, LLC
4077 Weaver Court South
Hilliard, OH 43026
www.maycocolors.com
Business Phone: 614-675-1171
Email: info@maycocolors.com

1.4 Emergency telephone number

Emergency Telephone: Transportation emergencies only: Infotrac 1-352-323-3500

Section 2 – Hazard(s) Identification

2.1. Classification of the substance or mixture

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

	Health	Environment	Physical
Classification	Not classified	Not classified	Not classified
SCL and/or M-factor	N/A	N/A	N/A
Classification Procedure	N/A	N/A	N/A

2.2. Label elements

Label Pictogram: None

Signal Word: None

Hazard Statement: None

Precautionary Statement: None

Supplemental Hazard Information: None

2.3. Other hazards

- Mechanical irritation of the eyes and respiratory system may occur following exposure dusts, mists or spray

Section 3 – Composition / Information on Ingredients

Chemical Name	CAS No.	EC No.	% Concentration
Quartz / Crystalline silica / Silicon dioxide ^b	14808-60-7	238-878-4	up to 0.381962%

^a The remaining ingredients in the product are either considered non-hazardous or their concentrations in the product are below their respective GHS cut-off values/concentration limits and were therefore not disclosed in the SDS.

^b Concentrations are calculated as a maximum across all products, rather than by color.

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: No specific first aid measures are required. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Ingestion: No specific first aid measures are required. Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. 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, 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.

Hazardous combustion products: Irritating vapours or fumes may form if product is involved in fire (carbon dioxide, carbon monoxide, nitrogen oxides). Also see **Section 10** - Stability and Reactivity.

5.3 Advice for firefighters

- Wear a self-contained breathing apparatus to protect against potentially irritating fumes.

Section 6 – Accidental Release Measures

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

Personal Precautions: Use protective gloves, goggles and suitable protective clothing. Do not smoke, use open fire or other sources of ignition. 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. Use an inert material to collect spilled product. Keep wet. 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 contact with skin and eyes. Avoid generation of dust, mist or spray. 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. 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. 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:

Chemical Name	CAS No.	ACGIH TLVs TWA (mg/m ³)	OSHA PELs TWA (mg/m ³)	NIOSH RELs TWA (mg/m ³)	DFG MAK TWA (mg/m ³)
Quartz / Crystalline silica / Silicon dioxide	14808-60-7	0.025	0.05	0.05	Not applicable

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, mist or spray 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.

Respiratory:	Use appropriate respiratory protection when handling to minimize exposure to dust, spray or mist. 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.
Eyes/Face:	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.
Hands:	Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur, wear chemically protective gloves.
Body/Skin:	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.

Thermal Hazards: None known.

Environmental Not available.

Exposure Controls:

Hygiene measures: 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.

Appearance: Physical state: Color: Odor:	Liquid See section 1.1 No odor	Partition Coefficient n-octanol/water: Auto-ignition temperature:	Not available Not available
pH (as supplied):	8-9	Decomposition temperature:	Not available
Freezing point:	Not available	Dynamic viscosity:	Not available
Boiling point:	Not available	Molecular weight:	Not available
Flash point:	Not available	Taste:	Not available
Evaporation rate:	Not available	Explosive properties:	Not available
Flammability:	Not available	Oxidizing properties:	Not available
Upper/lower explosive limits:	Not available	Surface tension:	Not available
Vapor pressure:	Not available	Gas group:	Not available
Water solubility:	Not available	pH (as solution):	Not available
Solubility (other):	Not available	VOC:	Not available
Vapor density (Air = 1):	Not available	Particle size range:	D50 of 10 µm
Relative density:	12.5 lbs/gal	Specific gravity (Water = 1):	Not available

9.2 Other information

No further 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

- Keep away from heat, sparks, flame and other ignition sources.

10.5 Incompatible materials

- Strong acids
- Strong bases
- Strong oxidizing agents
- Strong reducing 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 contact.

Potential signs and symptoms: None expected under conditions of normal use.

Acute oral toxicity:	The product is practically nontoxic based on available data. The oral acute toxicity estimate (ATE) for the whole product is >2000 mg/kg.
Acute dermal toxicity:	The product is practically nontoxic based on available data. The dermal acute toxicity estimate (ATE) for the whole product is >2000 mg/kg.
Acute inhalation toxicity:	The product is practically non-toxic based on available data.
Skin corrosion/irritation:	The components in this product are not irritating to the skin based on animal studies and available data.
Serious eye damage/irritation:	The components in this product are not irritating to the eyes based on animal studies and available data.
Respiratory or skin sensitization:	No components in this product are sensitizing to the skin or respiratory system based on available data.
Mutagenicity:	The components of this product are not classified with respect to mutagenicity by the IARC, NTP, and ACGIH.
Carcinogenicity:	Quartz / Crystalline silica / Silicon dioxide (CAS No. 14808-60-7) is listed in Group 1 by IARC. Classification for carcinogenicity is not warranted based on the nature of the product (<i>i.e.</i> , liquid). No other components are classified with respect to carcinogenicity by the IARC, NTP, and ACGIH.
Reproductive Toxicity:	The components in this product are not reproductive hazards based on available information, human and/or animal studies.
Specific target organ toxicity (single exposure):	The components in this product are not single exposure specific target organ toxicity hazards based on available information, human and/or animal studies.
Specific target organ toxicity (repeated exposure):	Quartz / Crystalline silica / Silicon dioxide (CAS No. 14808-60-7) has been classified as repeated exposure specific target organ toxicity hazards. Classification for repeated exposure specific target organ toxicity is not warranted based on the nature of the product (<i>i.e.</i> , liquid). The other components in this product are not repeated exposure specific target organ toxicity hazards based on available information, human and/or animal studies.
Aspiration hazard:	The components of this product are not aspiration hazards based on available information, human and/or animal studies.

References:

ECHA (European Chemicals Agency). 2022. REACH Registered Substances Database.

<https://echa.europa.eu/search-for-chemicals>

European Parliament. 2008. Regulation (EC) No 1272/2008 (CLP). <http://data.europa.eu/eli/reg/2008/1272/oj>

IARC (International Agency for Research on Cancer). 2022. Agents Classified by the IARC Monographs, Volumes 1–129.

<https://monographs.iarc.who.int/list-of-classifications/>

Section 12 – Ecological Information

12.1 Toxicity: This product is not expected to be harmful or toxic to aquatic life.

12.2 Persistence and degradability

- No data available.

12.3 Bioaccumulative potential

- Bioaccumulation is not a concern with zinc.

12.4 Mobility in Soil

- No data available.

12.5 Results of PBT and vPvB assessment

- PBT assessment does not apply to zinc.

12.6 Other adverse effects

- No further data available.

References:

ECHA (European Chemicals Agency). 2022. REACH Registered Substances Database.
<https://echa.europa.eu/search-for-chemicals>

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 to high temperatures.

	ADR/RID/ADNR/DOT, IMO/IMDG, ICAO/IATA
14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es):	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	None
14.6 Special precautions for user	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

Section 15 – Regulatory Information

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

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

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 (EU) No 649/2012, Annex I, Parts I-III: No components in this product are listed.

Regulation (EU) 2019/1021, Annex I: No components in this product are listed.

Germany:

Wassergefährdungsklasse (water hazard class): nwg "nicht wassergefährdend"

International:

IARC: Quartz / Crystalline silica / Silicon dioxide (CAS No. 14808-60-7) is listed in Group 1. No other components of this product are classified with respect to carcinogenicity.

15.2 Chemical Safety Assessment

- None available for the components in this product.

Section 16 – Other Information

List of acronyms and abbreviations:

ACGIH: American conference of Governmental Hygienists	PBT: Persistent, Bioaccumulative and Toxic
CAS: Chemical Abstract Service Number	PEL: Permissible Exposure Level
CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008	PPE: Personal Protective Equipment
DFG MAK: Deutsche Forschungsgemeinschaft Maximale Arbeitsplatz-Konzentration	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
EC: European Commission	REL: Recommended exposure level
ECHA: European Chemicals Agency	SDS: Safety Data Sheet
HEPA: High Efficiency Particulate Air	TLV: Threshold limit value
IBC: International Bulk Chemical	TWA: Time-weighted average
IARC: International Agency for Research on Cancer	UN: United Nations
MARPOL: Maritime Pollution	vPvB: very Persistent, very Bioaccumulative
N/A: Not available	WGK: Wassergefährdungsklasse

References:

ECHA (European Chemicals Agency). 2022. REACH Registered Substances Database.

<https://echa.europa.eu/search-for-chemicals>

European Parliament. 2008. Regulation (EC) No 1272/2008 (CLP). <http://data.europa.eu/eli/reg/2008/1272/oj>

IARC (International Agency for Research on Cancer). 2022. Agents Classified by the IARC Monographs, Volumes 1–129. <https://monographs.iarc.who.int/list-of-classifications/>

NTP (National Toxicology Program). 2022. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC:

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 new Safety Data Sheet.

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