

Cromartie

1 Fire Low Fire Glazes (wet)

Safety Data Sheet - USA

According to App. D , OSHA Hazard Communication Standard 29 CFR 1910.1200

Version 02

Date of issue: 05/02/2024

1. Identification

1a: Product Identifier - Item Codes & Names:

Low Fire Glazes

Coconut White, Honey Clear, Black Onyx, Baby Blue, Petal Pink, Bermuda Green, Yellow Zest, Hot Rod Red, Pumpkin Orange, Hawaii Blue, Vivid Blue, Purple Haze, Turquoise, Evergreen, Grass Green

1b: Product Identifier - Low Fire Series - 1 Fire Series

1c: Recommended Use - Intended for glaze production in the ceramic arts

1d: Manufacturer / Supplier – Cromartie Hobbycraft Ltd, Park Hall Road, Longton, Staffs ST3 5AY

1e: Emergency Phone Number - Contact Local Poison Control -

2. Hazard(s) Identification

2a: Classification of substance or mixture -

Physical: Not Classified

Health: H302 / H319

Environmental: H402

2b: Symbols and Statements

Symbols - GHS Pictogram:



Hazard Statement -

H302 Harmful if Swallowed (Category 4)

H309 Causes serious eye irritation (Category 2)

H402 Acute aquatic hazard (Category 3) - Zinc Oxide

Precautionary Statement -

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid Release into the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312+ P330 IF SWALLOWED: Call a poison center or doctor if you feel unwell. Rinse Mouth

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P330 Rinse mouth.

P337+P313 If eye irritation persists: Get medical advice/attention.

2c: Other Hazards: NONE

3. Composition/ Information on Ingredients

3a: Ingredients - Trade secrets are claimed for the product/s. Only ingredients listed below are notifiable.

3b: Common name

Chemical Name	CAS No.	Concentration
Lithium Carbonate	554-13-2	<10%
Zinc Oxide	1314-13-2	<2%

4. First- Aid measures

4a-c: Description of necessary measures-

Skin Contact - Wash thoroughly after handling - Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.

Eye Contact - Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that may be abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

Inhalation - Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

Ingestion- Read Section 2 for any specific precautions associated with the use of this product. Do Not Ingest.

Notes for the doctor: Treat symptomatically.

5. Fire Fighting measures

5a: Extinguishing Media - Use fire-extinguishing media suitable for the surrounding fire

5b: Specific Hazards Arrising from Material - None Know

5c: Special Protective Equipment - Use protective equipment appropriate for surrounding materials

6. Accidental Release Measures

6a: Personal Protections, Protective Equipment, Procedures -

Personal precautions: see Section 8.

6b: Methods and material for containment and cleaning up

Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8.

7. Handling and storage

7a. Precautions for safe handling

Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7b. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original containers in a dry and cool place.

8. Exposure Controls/personal protection

8a. Exposure Limits

Lithium Carbonate

PEL: No information available

ACGIH: No information available

TLV: 0.2 mg/m

Zinc Oxide

PEL: 5 mg/m³

ACGIH: No information available

TLV: 10 mg/m³ (respirable particulate matter)

Ingredient comments Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

8b. Appropriate engineering controls

No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

8c. Individual Protection Measures

Eye/face protection No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

Hand protection No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

Hygiene measures Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

Respiratory protection No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

9a. Appearance: Colored liquid.

9b. Odor: Almost odorless.

9c. Odor threshold: No information available.

9d: pH: not available

9e: Melting point: No information available.

9f: Initial boiling point and range: No information available.

9g: Flash point: No information available

9h. Evaporation rate: No information available.

9i: Flammability (solid, gas): No information available.

9j: Upper/lower flammability or explosive limits: No information available.

9k: Vapor pressure: No information available.

9l: Vapor Density: No information available.

9m: Relative density: Greater than 1.0

9n: Solubility(ies): Not applicable.

9o: Partition coefficient: No information available.

9p: Auto-ignition temperature: Not applicable.

9q: Decomposition Temperature: No information available.

9r: Viscosity: No information available.

10. Stability and reactivity

10a: Reactivity: There are no known reactivity hazards associated with this product.

10b: Chemical stability: No particular stability concerns.

10c: Possibility of hazardous reactions: None known.

10d: Conditions to avoid: None known.

10e: Materials to avoid: None known.

10f: Hazardous decomposition products: None known.

11. Toxicological Information

11a: Information on the likely routes of exposure:

Toxicological effects Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

11b: Symptoms related to the physical, chemical, and toxicological characteristics

No data available

11c: Delayed and immediate effects and also chronic effects from short- and long-term exposure

No data available

11d: Numerical measures of toxicity (such as acute toxicity estimates)

No data available

12. Ecological Information

12a. Ecotoxicity: Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

12b. Persistence and degradability: No data available.

12c. Bioaccumulative potential: No information available.

12d. Mobility in soil: Semi-mobile.

12e. Other adverse effects: None known

13. Disposal considerations

General information Dispose of waste product or used containers in accordance with local regulations
When handling waste, the safety precautions applying to handling of the product should be considered

14. Transport Information

14a. UN Number: Not applicable.

14b. UN proper shipping name: Not applicable.

14c. Transport hazard class(es): No transport warning sign required.

14d. Packing group: Not applicable.

14e. Environmental hazards: Environmentally Hazardous Substance Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

14f. Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):

14g. Special precautions: not applicable.

14. Regulatory Information

SARA 302 Components

This material does not contain any components with a section 302 EHS TPQ.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Lithium carbonate

CAS-No.

554-13-2

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

California Proposition 65: WARNING: Attention California residents: This product can expose you to - chemicals including Lithium carbonate, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Rhode Island "Right To Know" List

Lithium carbonate
1-10%
zinc oxide
1-5%

Massachusetts "Right To Know" List

Lithium carbonate
1-10%
zinc oxide
1-5%
Crystalline Silica
1-5%

Minnesota "Right To Know" List

Lithium carbonate
1-10%
zinc oxide
1-5%

New Jersey "Right To Know" List

Lithium carbonate
1-10%
zinc oxide
1-5%

Pennsylvania "Right To Know" List

Lithium carbonate
1-10%
zinc oxide
1-5%

16. Other Information

Revision date 5/23/2024

Revision 3

Supersedes date 5/01/2017

SDS No. 53

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use