

## **SNOWDROP LoStone Mid-fire Brush-on Glaze Safety Data Sheet**

According to regulation (EC) No 2020/878

### **Section 1: Identification of the substance/mixture and of the company/undertaking**

#### 1.1 Product Identifier

**Snowdrop LoStone Mid-fire Brush-on Glaze**

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

##### Use of the substance/mixture

Glaze coating for ceramic objects.

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

Valentine Clays Limited

Valentine Way

Stoke on Trent

ST4 2FJ

t: +44 (0)1782 271200

e: sales@valentineclays.co.uk

w: www.valentineclays.co.uk

#### 1.4 Emergency Telephone Number

+44 (0)1782 271200

### **Section 2: Hazards Identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) Not a hazardous substance or mixture.

#### 2.2 Label Elements

Not a hazardous substance or mixture.

##### Hazard Statements:

None

##### Precautionary Statements:

None

#### 2.3 Other Hazards

The mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1907/2006.

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### **Section 3: Composition/information on ingredients**

#### **3.1 Mixtures**

| <u>Component</u> | <u>CAS</u> | <u>EINECS</u> | <u>% Composition</u> |
|------------------|------------|---------------|----------------------|
| Glass frit       | 65997-18-4 | 66-047-6      | >50y                 |
| Zirconium        | 7440-67-7  | 231-176-9     | <5                   |

### **Section 4: First Aid Measures**

#### **4.1 Description of first aid measures**

After Inhalation- Remove patient to fresh air, loosen tight clothing and seek medical advice.

After Ingestion- Wash out mouth, drink plenty of water. DO NOT MAKE PATIENT VOMIT.

After Eye Contact- Rinse immediately with plenty of water. If irritation persists, seek medical advice.

After Skin Contact- Wash affected areas with water

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

No further relevant information available.

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

No further relevant information available.

### **Section 5: Firefighting Measures**

#### **5.1 Extinguishing Media**

##### **Suitable extinguishing media**

This material is non-combustible and does not give off any harmful gases when involved with fires and will not react with other materials or fire extinguishing media.

##### **Extinguishing media that must not be used for safety reasons**

None known.

#### **5.2 Special Hazards arising from the substance mixture**

None known.

#### **5.3 Advice for firefighters**

##### **Protective Equipment**

Employ protective equipment commonly used in the event of a fire

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### Additional Information

No further relevant information available.

## **Section 6: Accidental Release Measures**

### 6.1 Personal Precautions, protective equipment and emergency procedures

Eye protection should be worn to prevent splashes to eye

### 6.2 Environmental Precautions

No special environmental precautions required.

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

No special methods for containment or cleaning are required. Liquid spillages can be contained with absorbent towels or sponges. Dry spillages can be vacuumed.

### 6.4 Reference to other sections

Treat the recovered material as prescribed in section 13 on waste disposal.

## **Section 7: Handling and Storage**

### 7.1 Precautions for safe handling

#### Advice of Safe Handling

Spillage should be prevented during transfer operations and precautions taken to prevent splashing to body and eyes. When handling all materials observe good standards of industrial hygiene. Avoid swallowing, inhaling dust and eye/skin contact through the use of personal protective equipment. When dry material has to be handled, dust masks with normal protection factor (NPF) of 10 (EN149) should be worn. When using do not eat, drink or smoke. Wash hands before breaks and after work. Do not leave children unattended whilst using the product.

#### Advice on protection against fire and explosion

No special measure required.

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

#### Requirements for storage rooms and vessels

Keep packaging tightly closed. Keep out of reach of children.

#### Further Information on Storage Requirements

No special requirements.

### 7.3 Specific end use(s)

No further relevant information available.

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### **Section 8: Exposure Controls/ Personal Protection**

#### **8.1 Control Parameters**

##### **Exposure Limits**

None

##### **Additional Information**

None

#### **8.2 Exposure Controls**

##### **Occupational Exposure Controls**

None

##### **Protective and Hygiene Measures**

Other than suitable protective clothing, no special controls are needed. Goggles may be used to prevent possible eye irritation and gloves if skin irritation is likely. Observe appropriate hygiene protocols when using this product.

### **Section 9: Physical and Chemical Properties**

#### **9.1 Information on basic physical and chemical properties**

##### **General Information**

Form- Liquid

Colour- White

Odour- Almost odourless

pH- 5-9

Water Solubility – Insoluble

##### **Changes in the physical state**

Flash Point- No data available

Melting Point- 900°C min

Boiling Point- No data available

Evaporation Rate- No data available

Flammability- Not flammable

Solubility- Insoluble in water

Oxidising Properties- Not oxidising

Burn Rate- No data available

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### 9.2 Stability and Reactivity

No known hazardous reactions or decomposition products within the sphere of its intended use as a ceramic material.

### 9.3 Chemical Stability

No decomposition if stored normally.

### 9.4 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 9.5 Conditions to avoid

No dangerous reaction known under conditions of normal use.

### 9.6 Incompatible materials

No further relevant information available.

### 9.7 Hazardous decomposition products

No further relevant information available.

## Section 11: Toxicological Properties

### 11.1 Information on toxicological effects

Mild irritant to skin and eyes. No known toxic effects on ingestion.

## Section 12: Ecological Information

### 12.1 Toxicity

Not toxic.

### 12.2 Persistence and degradability

Not known.

### 12.3 Bio accumulative potential

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Other adverse effects

No further relevant information available

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### **Section 13: Waste Disposal**

#### **13.1 Waste treatment methods**

Material should be treated as industrial waste and the procedures laid down in the Duty of Care- Environmental Protection Act observed. Consult local authority if necessary.

### **Section 14: Transport Information**

#### **14.1 UN number**

Not applicable.

#### **14.2 UN proper shipping name**

Not restricted.

#### **14.3 Transport hazard class(es)**

Not applicable.

#### **14.4 Packaging group**

Not applicable.

#### **14.5 Environmental hazards**

None.

#### **14.6 Special precautions for user**

Not a hazardous material with respect to these transport regulations.

#### **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**

#### **Classification for Supply**

Not classified.

#### **References**

HS (G)53- Respiratory Protective Equipment

COSHH ACOP41- Pottery Production Guidance Note EH59

Reach Regulation (EC) No 1907/2006- Annex V7

CLP Regulation (EC) No 1272/2008

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### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

### **Section 16: Other Information**

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of workplace risk associated with product(s) used as required under any other Health and Safety Regulation.

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

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