



## **SAFETY DATA SHEET**

**SDS: 2022**

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

Product: **Underglaze Frit**

### **Section 2: Hazard Identification**

This product is not classified as dangerous - no special precautions apply.

Physical hazards / Environmental Hazards: Not classified

Label elements: Non required

Hazard precautions: None

Precautionary statements: None

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

This product is a glass matrix formed by fusing together all the potential soluble & toxic minerals or oxides with silica in order to render them stable, insoluble with water and safe to handle. When supplied dry, this material offers the normal hazards associated with any dry powder of a slightly abrasive nature. In dry state, forms low toxicity dust with an occupational exposure value of 10 Mg/M<sup>3</sup> (nuisance dust).

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

Ingestion: Do not induce vomiting. Seek medical attention if deemed necessary.

Inhalation: Move affected personnel to fresh air, keep warm and at rest.

Skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water. If skin irritation or rash occurs, seek medical attention / advice.

Eyes: Irrigate eyeball thoroughly with water for at least 10 minutes. If discomfort persists, seek medical attention.

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## **Section 5: Firefighting Measures**

Extinguishing Media:	Use fire-extinguishing media suitable for the surrounding fire.
Note for fire-fighters:	Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately – do not discharge this waste into drains or water courses.

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

Personal precautions:	Wear protective clothing as per any relevant risk assessment. Provide adequate ventilation.
Environmental precautions:	Do not allow to enter soil / subsoil. Do not allow to enter surface water or drains.
Methods and material for containment / cleaning up	
Collect mechanically and transfer into appropriate container for disposal.	

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

Precautions for sale handling:	Do not eat, drink or smoke when using this product. Good personal hygiene / house-keeping procedures should be observed. Avoid the creation / spreading of dust / spray. Avoid release to the environment.
Storage precautions:	Store in a dry place – avoiding extremes of temperature.

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

Exposure controls:



Protective equipment:	Respirator / Safety Goggles / Gloves. Ensure adequate ventilation is available and observe any occupational exposure limits for the product – see guidance Note EH40 latest edition.
Eye Protection:	Eyewear complying with an approved standard should be worn if a risk assessment indicated eye contact is possible. Dust-resistant, chemical splash goggles are recommended.
Hand Protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn in a risk assessment indicates skin contact is possible.
Respiratory Protection:	Respiratory protection must be used if the airborne contamination exceeds the airborne contamination exceeds the recommended OEL. Particulate filter, type P2

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

Appearance:	Powder / Granular
Odour:	Odourless

## **Section 10: Stability and Reactivity**

Reactivity:	Stable under normal conditions and when used as recommended
Stability:	Stable under normal conditions and when used as recommended
Conditions to avoid:	No specific data available
Materials to avoid:	No specific data available

## **Section 11: Toxicological Information**

Toxicological effects:	No specific data available
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## **Section 12: Ecological Information**

This product is not expected to be hazardous to the environment. Adopt good working practices to ensure the product is not released to the environment.

## **Section 13: Disposal Considerations**

Recover any waste and dispose of in accordance with local and national regulations.

## **Section 14: Transport Information**

General:	This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). Transportation is not dangerous.
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## **Section 15: Regulatory Information**

Safety, health and Environmental Regulations / Legislation specific for the product

National Regulations:	Health & Safety at Work Act 1974 (as amended)
EU Legislation:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended)
Guidance:	Workplace Exposure Limits EH40

## **Section 16: Other Information**

Risk Phrases:	Not required
Hazard Statement:	Not required

The information contained in this safety data sheet has been prepared using the best available information, however in view of technical developments, this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.