

# SAFETY DATA SHEET

According to regulation (EC) No. 1907/2006



Revision number	2
Revision date	30 <sup>th</sup> March 2022
Supersedes date	July 2008
SDS number	SDS5201

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

### 1.1 Product Identifier

<b>Product name</b>	Specialist Crafts Underglaze
<b>Product Code(s)</b>	M427A5.. All Variants
<b>Other Details</b>	Glaze coating of ceramic products.

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

<b>Uses advised against</b>	No further information.
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### 1.3 Details of the supplier of the safety data sheet

<b>Supplier</b>	Specialist Crafts Ltd Hamilton House Mountain Road Leicester LE4 9HQ United Kingdom  Email <a href="mailto:purchasing@specialistcrafts.com">purchasing@specialistcrafts.com</a> Telephone +44 (0)116 269 7711
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### 1.4 Emergency telephone number

<b>Emergency telephone</b>	+44 (0)116 269 7711 This telephone number is available during office hours only, 09:00 to 17:00 GMT, Monday to Friday, excluding UK bank holidays and weekends. Language English
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## SECTION 2: Hazards Identification

### 2.1 Classification of the substance or mixture

<b>Classification</b>	This mixture is classified as not hazardous according to EC regulation 1272/2008 (CLP).  This preparation is classified as not hazardous according to Directive 67/548/EEC or 1999/45/EC.
<b>Physical Hazards</b>	No further information.
<b>Health Hazards</b>	No further information.
<b>Environmental Hazards</b>	No further information.

### 2.2 Label Elements

<b>Hazard Statements</b>	Not applicable.
<b>Signal Word</b>	No further information.
<b>EU Specific Hazard Statements</b>	No further information.
<b>Precautionary Statements</b>	Not applicable.

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## Other information

R phrase(s): not applicable.

S phrase(s): not applicable.

## 2.3 Other Hazards

### Other Hazards

No further information.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

#### Substances

Not applicable.

### 3.2 Mixtures

#### Mixtures

Chemical characterization: Water based mixture of frits (silicate glasses), minerals, metal oxides, clays and suspenders. No hazardous ingredients.

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

#### General Advice

See below.

#### Inhalation

No further information.

#### Skin Contact

Wash off immediately with plenty of soap and water.

#### Eye Contact

Wash out eyes immediately for several minutes with plenty of clean water.

#### Ingestion

Rinse mouth with water. If you feel unwell seek medical treatment.

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

#### General Advice

No further information.

#### Symptoms

No data available.

#### Effects

No data available.

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

#### Notes for the doctor

No further information.

#### Specific Treatments

Treat symptomatically.

## SECTION 5: Fire Fighting Measures

### 5.1 Extinguishing Media

#### Suitable Extinguishing Media

Product is non-combustible. Extinguishing materials should therefore be selected according to the surrounding fire.

#### Unsuitable Extinguishing Media

No further information.

### 5.2 Specific Hazards arising from the substance or mixture

#### Specific Hazards arising from the chemical

In the case of strong heating, such as fire, carbon monoxide and carbon dioxide may be released.

#### Hazardous combustion products

No further information.

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5.3	Advice for fire fighters	
	<b>Protective actions during firefighting</b>	Do not allow extinguishing media to penetrate into surface or ground water.
	<b>Special protective equipment for fire fighters</b>	Wear a self-contained breathing apparatus.

## SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures	
	<b>Personal precautions</b>	Wear suitable personal protective equipment. Avoid contact with skin and eyes. Avoid dust formation.
	<b>Other information</b>	No further information.
	<b>For emergency responders</b>	No further information.
6.2	Environmental precautions	
	<b>Environmental precautions</b>	Do not allow material to penetrate into soil, water bodies or drainage systems.
6.3	Methods and material for containment and cleaning up	
	<b>Methods of containment</b>	See below.
	<b>Methods of cleaning up</b>	Clean/scoop up spills immediately, and then place in appropriate containers for disposal.
6.4	Reference to other sections	
	<b>Reference to other sections</b>	No further information.

## SECTION 7: Handling and Storage

7.1	Precautions for safe handling	
	<b>Advice on safe handling</b>	While using this product do not eat, drink or smoke. Wash hands before breaks and immediately after using the product. Avoid contact with skin and eyes. Avoid the formation of dust in the atmosphere. Do not breathe dust. Ensure good ventilation of the work area. Do not leave children unattended while using the product. Ensure that kiln gases emitted during firing are vented directly to the outside, if possible.
	<b>General hygiene considerations</b>	No further information.
7.2	Conditions for safe storage, including and incompatibilities	
	<b>Storage conditions</b>	Keep container tightly closed. Store out of the reach of children. Store at room temperature and not in direct sunlight. Protect from freezing. Product is a non-combustible liquid.
	<b>Storage Class</b>	No further information.

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7.3	Specific End Use(s)	
	<b>Risk management methods</b>	No further information.
	<b>Other information</b>	No further information.

## SECTION 8: Exposure controls/personal protection

8.1	Control parameters	
	<b>Workplace exposure limits</b>	Contains no substances with occupational exposure limit values.
8.2	Exposure controls	
	<b>Protective equipment</b>	When using this product, a well-functioning exhaust ventilation of the furnace gases and ample ventilation of the workrooms are recommended.
	<b>Appropriate engineering controls</b>	Wash hands before breaks and immediately after using the product. When using do not eat, drink or smoke. No further information.
	<b>Eye/Face Protection</b>	In case of splashes or airborne dusts wear protective goggles.
	<b>Hand protection</b>	If necessary, wear protective gloves, such as nitrile.
	<b>Respiratory Protection</b>	No further information.
	<b>Environmental Exposure Controls</b>	No further information.

## SECTION 9: Physical and chemical properties

9.1	Information on basic physical and chemical properties	
	<b>Appearance</b>	Liquid.
	<b>Odour</b>	Almost odourless.
	<b>Odour threshold</b>	No data available.
	<b>pH</b>	8-10
	<b>Melting/freezing point</b>	No data available.
	<b>Initial boiling point and boiling range</b>	No data available.
	<b>Flash point</b>	No data available.
	<b>Evaporation rate</b>	No further information.
	<b>Flammability (solid; gas)</b>	No data available.
	<b>Upper/lower flammability or explosive limits</b>	No further information.
	<b>Vapour pressure</b>	No data available.
	<b>Vapour density</b>	No data available.
	<b>Relative density</b>	No data available.
	<b>Solubility(ies)</b>	No further information.
	<b>Partition coefficient</b>	No data available.
	<b>Auto-ignition temperature</b>	No data available.
	<b>Decomposition temperature</b>	No data available.
	<b>Viscosity</b>	No data available.
	<b>Explosive properties</b>	No data available.
	<b>Oxidising properties</b>	No data available.

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## 9.2 Other information

### Other information

No data available.

## SECTION 10: Exposure controls/personal protection

### 10.1 Stability and Reactivity

#### Stability and reactivity

No dangerous reactions are known.

### 10.2 Chemical Stability

#### Chemical Stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

#### Possibility of hazardous reactions

No dangerous reactions are known.

### 10.4 Conditions to avoid

#### Conditions to avoid

Avoid extremes of temperature and dusty conditions.

### 10.5 Incompatible materials

#### Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

#### Hazardous decomposition products

In the case of strong heating, such as fire, carbon monoxide and carbon dioxide may be released.  
Thermal decomposition: no data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Oral - Lack of data.  
Dermal: Lack of data.  
Inhalative: Lack of data.

The product is harmless by proper handling and according to the terms of application.

#### Skin corrosion/irritation

Lack of data.

#### Serious eye damage/irritation

Lack of data.

#### Skin sensitisation

Lack of data.

#### Respiratory sensitisation

Lack of data.

#### Germ cell mutagenicity

Lack of data.

#### Carcinogenicity

Lack of data.

#### Reproductive toxicity

Lack of data.

#### Aspiration hazard

Lack of data.

#### Specific Target Organ Toxicity (Single and Repeated Exposure)

##### STOT - single exposure

Lack of data.

##### STOT - repeated exposure

Lack of data.

#### Information on likely routes of exposure

##### Inhalation

No further information.

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<b>Skin contact</b>	No further information.
<b>Eye contact</b>	No further information.
<b>Ingestion</b>	No further information.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	No further information.

## SECTION 12: Ecological information

12.1 Toxicity <b>Toxicity</b>	Water Hazard Class: 1 = Slightly hazardous to water.
12.2 Persistence and degradability <b>Persistence and degradability</b>	Due to its low solubility in water the product can be almost completely mechanically separated in sewage treatment plants.
12.3 Bioaccumulative potential <b>Bioaccumulative potential</b>	Partition coefficient n-octanol/water: no data available.
12.4 Mobility in soil <b>Mobility in soil</b>	No data available.
12.5 Results of PBT and vPvB assessment <b>Results of PBT and vPvB assessment</b>	No data available.
12.6 Other adverse effects <b>Other adverse effects</b>	Do not allow to enter into ground-water, surface water or drains.

## SECTION 13: Disposal Conditions

13.1 General Information <b>General Information</b>	Product: Aqueous suspension containing ceramic materials.
13.2 Disposal Methods <b>Disposal Methods</b>	Dispose of waste according to applicable legislation.  Emptied containers can be disposed of with domestic waste.
13.3 Waste Class <b>Waste Class</b>	No further information.

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## SECTION 14: Transport Information

### General Information

Generally for limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

Road transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Sea transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Air transport notes refer to the Dangerous Goods List for information on any Special Provisions A46.

#### 14.1 UN Number

**UN No. (ADR/RID)**

Not a hazardous material with respect to transport regulations.

**UN No. (IMDG)**

**UN No. (IATA)**

**UN No. (ADN)**

#### 14.2 UN proper shipping name

**UN Proper shipping name (ADR/RID)**

Not classified.

**UN Proper Shipping Name (IMDG)**

**UN Proper Shipping Name (IATA)**

**UN Proper Shipping Name (ADN)**

#### 14.3 Transport Hazard Class(es)

**ADR/RID class**

Not classified.

**ADR/RID classification code**

**ADR/RID label**

**IMDG class 4.1**

**ICAO class/division**

**ADN class**

**Transport labels**

#### 14.4 Packing Group

**ADR/RID Packing Group**

Not classified.

**IMDG Packing Group**

**IATA Packing Group**

**ADN Packing Group**

#### 14.5 Environmental Hazards

**Environmentally hazardous substance/marine pollutant**

Not classified.

**Other Environmental Hazards**

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## 14.6 Special Precautions for User

**General Special Precautions**

Not classified.

**EmS**

**ADR transport category**

**Emergency Action Code**

**Hazard Identification Number**

**Tunnel Restriction Code**

## 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

Not classified.

## SECTION 15: Regulatory information

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

**National Regulations**

Water contaminating class (D) - not water contaminating.

**EU Regulations**

No further information.

### 15.2 Chemical Safety Assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa.

**Chemical Safety Assessment**

No further information.

## SECTION 16: Other information

### 16.1 Hazard statements in full

No further information.

### 16.2 Disclaimer

**The information presented herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable to their circumstances.**

### 16.3 Revisions

**Please note the revision information on page 1 of this document, indicating the last revision date of this data, the revision number and the date this revision supersedes**

### 16.4 References

**Suppliers and manufacturers safety data sheets**



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16.5 Abbreviations and acronyms

**Please contact us, in advance of need, should you require clarification of common abbreviations or acronyms used in this safety data sheet**

**END OF SAFETY DATA SHEET**