SAFETY DATA SHEET

According to regulation (EC) 1272/2008 & Directive 67/548/EEC

Revision number	2
Revision date	14th January 2022
Supersedes date	July 2012
SDS number	SDS5138

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

1.1 Product Identifier

Product name	Specialist Crafts Porcelain Clay
Product Code(s)	M009
Other Details	Ceramics

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

Uses advised against	No further information.

1.3 Details of the supplier of the safety data sheet

Supplier	Specialist Crafts Ltd Hamilton House Mountain Road Leicester LE4 9HQ United Kingdom Email purchasing@specialistcrafts.com Telephone +44 (0)116 269 7711

1.4 Emergency telephone number

Emergency telephone	+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

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification	No further information.
Physical Hazards	No further information.
Health Hazards	Products contain crystalline silica and therefore are classified as STOT RE2 according to criteria defined in the Regulation EC 1272/2008 and harmful according to criteria defined in Directive 67/548/EEC due to the potential to generate respirable dust. This could arise when the product is allowed to dry out. Particular attention should be given to controlling spillages. Prolonged/repeated exposure to high concentrations of respirable free crystalline silica dust may cause delayed lung injury (silicosis) The WHO International Agency for Research on Cancer (IARC) evaluation for silica states

	"Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)" but additionally notes "carcinogenicity in humans was not detected in all industrial circumstances studies. Carcinogenicity may be dependent on inherent characteristics of crystalline silica or on external factors affecting its biological activity or distribution of polymorphs" (IARC Monograph, Volume 68, 1997). In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalations of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that then relative risk of lung cancer is increased in persons with silicosis (and, apparently, not employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk …"(SCOEL SUM Doc 94-final, June 2003). So there is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. Worker protection against silicosis should be assured by respecting existing regulatory occupational exposure limits and implementing additional risk management measures where required. Detailed reviews of the scientific evidence on the health effects of crystalline silica have been published by HSE (Health and Safety Executive UK) in the Hazard Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that "Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling lung disease known as silicosis. In addition to silicosis, there is now evidence that heavy and prolonged workplace exposure to dust containing crystalline silica can lead to an increased risk of lung cancer. The evidence suggests that an increased risk of lung cancer is likely to occur only in those workers who have developed silicosis.
Environmental Hazards	No further information.

2.2 Label Elements

Hazard Statements	H373 - May cause damage to lungs through prolonged or repeated exposure by inhalation.

	 WARNING STOT RE2
Signal Word	No further information.
EU Specific Hazard Statements	No further information.
Precautionary Statements	P260 - Do not breathe dust P285 - In case of inadequate ventilation wear respiratory protection P501 - Dispose of contents/containers in accordance with local regulations
Other information	No further information.

2.3 Other Hazards

Other Hazards	No further information.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substances	Porcelain Powder – CAS No. 1332-58-7

3.2 Mixtures

Mixtures	No further information.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Advice	See below.
Inhalation	Remove to fresh air and seek medical advice if necessary.
Skin Contact	Wash with water.
Eye Contact	Rinse immediately with plenty of water. If irritation persists, seek medical advice.
Ingestion	Wash out mouth, drink plenty of water. DO NOT MAKE PATIENT VOMIT.

4.2 Most important symptoms and effects, both acute and delayed

General Advice	No further information.
Symptoms	No further information.
Effects	No further information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No further information.
Specific Treatments	No further information.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media	No further information.
Unsuitable Extinguishing Media	Will not react with other materials or fire extinguishing media.

5.2 Specific Hazards arising from the substance or mixture

Specific Hazards arising from the chemical	No further information.
Hazardous combustion products	This material is non-combustible and does not give off any harmful gases when involved with fires.

5.3 Advice for fire fighters

Protective actions during firefighting	No further information.
Special protective equipment for fire fighters	No further information.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Eye protection should be worn to prevent splashes to eyes.
Other information	No further information.
For emergency responders	No further information.

6.2 Environmental precautions

Environmental precautions	No further information.

6.3 Methods and material for containment and cleaning up

Methods of containment	See below.
Methods of cleaning up	Spillages of slop material should be removed with copious amounts of water to factory drainage system. Spillages of semi-dry or dry product should be removed by sweeping, preferably vacuum methods.

6.4 Reference to other sections

Reference to other sections	No further information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling	Slop material should be agitated during storage to prevent settling. 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. Where dry material has to be handled, dust masks with normal protection factor (NPF) of 10 (EN149) should be worn.
General hygiene considerations	No further information.

7.2 Conditions for safe storage, including and incompatibilities

Storage conditions	No further information.
Storage Class	No further information.

7.3 Specific End Use(s)

Risk management methods	No further information.
Other information	No further information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits	WORKPLACE EXPOSURE LIMIT (WEL) – EH40**:** Total Respirable Dust: 0.1mg/m3 (UK)

8.2 Exposure controls

Protective equipment	Other than suitable protective clothing, no special controls are needed in the case of slop or plastic materials other than cleaning any spillages before they dry out.
Appropriate engineering controls	No further information.
Eye/Face Protection	Goggles may be used to prevent possible eye irritation.
Hand protection	Gloves may be used if skin irritation is likely.
Respiratory Protection	Dry materials should be used under conditions of local exhaust ventilation to avoid inhalation of dust. Where it is not possible, an appropriate dust mask must be worn.
Environmental Exposure Controls	No further information.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	As a slurry of varying colour, as, pugged or pressed plastic clay body, as a dry powder of varying colour.
Odour	No further information.
Odour threshold	No further information.
pH	5 - 9
Melting/freezing point	1000ºC min.
Initial boiling point and boiling range	No further information.
Flash point	No further information.
Evaporation rate	No further information.
Flammability (solid; gas)	Not flammable.

Upper/lower flammability or explosive limits	No further information.
Vapour pressure	No further information.
Vapour density	No further information.
Relative density	No further information.
Solubility(ies)	Insoluble in water
Partition coefficient	No further information.
Auto-ignition temperature	No further information.
Decomposition temperature	No further information.
Viscosity	No further information.
Explosive properties	No further information.
Oxidising properties	Not oxidizing.

9.2 Other information

Other information	No further information.

SECTION 10: Exposure controls/personal protection

10.1 Stability and Reactivity

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

10.2 Chemical Stability

Chemical Stability	No further information.

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions	No further information.

10.4 Conditions to avoid

Conditions to avoid	No further information.

10.5 Incompatible materials

Incompatible materials	No further information.

10.6 Hazardous decomposition products

Hazardous decomposition products	No further information.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	No further information.
Skin corrosion/irritation	No further information.
Serious eye damage/irritation	Mild irritant to skin and eyes
Skin sensitisation	Mild irritant to skin and eyes
Respiratory sensitisation	No known toxic effects on ingestion.

	Drying out of product will permit respirable particles of crystalline silica to become airborne with the risk of inhalation and retention in lungs. SEE SECTION 2.
Germ cell mutagenicity	No further information.
Carcinogenicity	No further information.
Reproductive toxicity	No further information.
Aspiration hazard	No further information.
Specific Target Organ Toxicity (Single and Repeated Exposure)	
STOT - single exposure	No further information.
STOT - repeated exposure	No further information.
Information on likely routes of exposure	
Inhalation	No further information.
Skin contact	No further information.
Eye contact	No further information.
Ingestion	No further information.
Symptoms related to the physical, chemical and toxicological characteristics	No further information.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity	Material is extremely inert, being resistant to decomposition by weathering, biological activity and further oxidation. Large aquatic discharges may lead to localized adverse physical effects to aquatic organisms due to the suspension of the material in water and silting.

12.2 Persistence and degradability

Persistence and degradability	No further information.

12.3 Bioaccumulative potential

Bioaccumulative potential	No further information.

12.4 Mobility in soil

Mobility in soil	No further information.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	No further information.

12.6 Other adverse effects

Other adverse effects	No further information.

SECTION 13: Disposal Conditions

13.1 General Information

General Information	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.

13.2 Disposal Methods

Disposal Methods	No further information.

13.3 Waste Class

Waste Class	No further information.

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)	No special precautions. International regulation on the transport of dangerous goods (IMDG, IATA, ADR) not applicable.
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	

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	Classification for Supply: Slop Material - Warning Pugged/Press cake Clay - Warning Semi-dry Material - Warning Dry Material - Warning References: EH40 - Workplace Exposure Limits 2005 Guidance Notes EH44 - Dust General Principles of Protection HS (G)53 - Respiratory Protective Equipment COSSH ACOP41 - Pottery Production Guidance Note EH59 REACH Regulation (EC) No 1907/2006 - Annex V 7 CLP Regulation (EC) No1272/2008
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

	This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place 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.

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

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