SAFETY DATA SHEET- DECORATING SLIPS

According to regulation (EC) No 1907/2006

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

1.1 Product Identifier

Valentine Clays Decorating Slips- (9800 White, 9801 Light Blue, 9802 Royal Blue, 9803 Fir Green, 9804 Black, 9805 Brick Red, 9806 Yellow, 9807 Salmon, 9808 Marigold, 9809 Sky Blue, 9810 Chartreuse, 9811 Cobalt, 9812 Chocolate, 9813 Viola)

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

Use of the substance/mixture

To decorate ceramic objects.

1.3 Details of the supplier of the safety data sheet

Valentine Clays LTD

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

Inhalation- Excessive exposure may cause irritation and inflammation of the nose, damage to the kidneys, chronic lung disease.

Ingestion- The product is of low solubility in body fluids and is likely to be of low acute toxicity.

Eyes- May cause irritation and inflammation.

Skin- The material is not a primary irritant but, as with any abrasive powder, it may give rise to minor irritation.

2.2 Label Elements

Decorating Slip – CAS No. 1332-58-7



WARNING HARMFUL X

Hazard Statements:

R20- Harmful by inhalation, and if swallowed.

R48- Danger of serious damage to health by prolonged exposure.

Precautionary Statements:

S22/23 Do not breathe or spray.

Section 3: Composition/information on ingredients

3.1 Mixtures

Component	CAS	EINECS	% Composition
Quartz	14808-60-7	2388784	9800 <30 9801 9802 9803 9807 9808 9809 9810 9811 9812 9813 9804 <26.5 9805< 27 9806

Section 4: First Aid Measures

4.1 Description of first aid measures

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

After Ingestion- Do not induce vomiting, seek medical advice.

After Eye Contact- Wash immediately with copious amounts of water.

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

Suitable for surrounding fire conditions.

Extinguishing media that must not be used for safety reasons

None known.

5.2 Special Hazards arising from the substance mixture

In the event of fire, the product may emit harmful fumes

.5.3 Advice for firefighters

Protective Equipment

Self-contained breathing apparatus.

Additional Information

No further relevant information available.

Section 6: Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures

Respiratory protective equipment.

6.2 Environmental Precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Use suitable vacuum equipment where reasonably practicable, otherwise damp down and scoop into a receptacle. Prevent it from entering water courses and drains.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Advice of Safe Handling

Store in a dry area away from foodstuffs.

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.

Section 8: Exposure Controls/ Personal Protection

8.1 Control Parameters

Exposure Limits

CAS No	Substance	ppm	mg/m³	Fibres/ml	Category	Origin
14808-60-7	Quartz (respirable crystalline silica)	-	0.40	-	TWA (8 hours)	WEL
		-		-	STEL (15 mins)	WEL

Additional Information

Silica only becomes airborne when the product is cured and powdered.

8.2 Exposure Controls

Occupational Exposure Controls

Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is preferable to personal protection.

Protective and Hygiene Measures

Where necessary, suitable personal protection should be used, e.g. overalls, gloves, masks.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Form- Powder

Colour- Not stated

Odour- Odourless

pH- 7 (insoluble in water)

Changes in the physical state

Flash Point- Not Applicable

Melting Point- Not Available

Boiling Point- No data available

Evaporation Rate- No data available

Flammability- Not Applicable

Solubility- Insoluble in water

Oxidising Properties- Not oxidising

Burn Rate- No data available

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

The material is stable.

9.4 Conditions to avoid

None known.

9.5 Hazardous decomposition products

None known.

Section 11: Toxicological Properties

11.1 Information on toxicological effects

Acute Toxicity	LD50 Oral (rat)	>200mg/kg
	LD50 Dermal	Not Known
	LC50 Inhalation	Not Known
Health Effects	Prolonged or repeated Exposure above occupational Exposure Limits may cause fibrosis of the lung	

Section 12: Ecological Information

12.1 Ecotoxicity

Not Known.

12.2 Persistence

Not known.

Section 13: Waste Disposal

13.1 Waste treatment methods

Dispose of in accordance with the current Waste Disposal Regulations (for UK special Waste Regulations 1996. Landfill is the most appropriate method.

Section 14: Transport Information

14.1 UN/ SI number

Not restricted.

14.2 UN Class

Not restricted.

14.3 Packing Group

Not restricted.

14.4 Road (UK)

Not restricted.

14.5 Road (ADR)

Not restricted.

14.6 Sea (IMO)

Not restricted.

14.7 Air (ICAO)

Not restricted.

Section 15: Regulatory Information

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

Classification for Supply

EC Supply Labelling- Harmful X

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

Section 16: Other Information

16.1 References:

ADR - European agreement concerning international transport of dangerous goods by road.

CAS – International reference numbers for chemical substances (Chemical Abstracts Service).

CLAW – Control of Lead at Work regulations 1998, and later revisions.

CHIP – Chemicals (Hazard information and Packaging) regulations 1993, and later revisions.

CHIP SDS ACOP – HSC Approved code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulation.

COSHH ACOP – HSC Approved Code of Practice for the control of Substances Hazardous to Health regulations 1988, and later revisions.

EINECS – European Inventory of Existing commercial Chemical Substances.

HSE EH40 – HSE guidance notes EH40 on Occupational Exposure Limits (revised annually) to be used in conjunction with the COSHH regulations.

HSWA – Health & Safety at Work Act 1974.

ICAO – International Civil Aviation Organisation.

IMO – International Maritime Organisation.

LC50 – Concentration which is lethal by inhalation to 50% of a defined population (e.g., rats) within a specified time.

LD50 – Dose which is lethal orally or dermally to 50% of a defined population (e.g., rats) within a specified time.

UN – United Nations.

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Since the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information within this safety data sheet is correct to the best of our knowledge and information at the date of publication. The information relates only to the specific product designated and may not be valid for the product if used in combination with any products or any processes other than those specified in the text.

Reviewed – Sept 2024