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1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Material number : **GS 18 Glaze Stain**

Trade name : **GS18**
High Temperature Red Stain

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

Use of the Substance/Mixture : Manufacture of ceramic coatings and decorating preparations suited for firing, for glass and ceramics.

1.3 Details of the supplier of the safety data sheet

Company: Simba Materials Limited t/a CTM Potters Supplies

Unit 7-8, Broomhouse Lane Ind Estate, Edlington, Doncaster DN12 1EQ
T +44 (0)1709 770801 - F +44 (0)1709 770803 doncaster@ctmpotterssupplies.co.uk

Unit 10A, Millpark Ind Estate, White Cross Road, Woodbury Salterton EX5 1EL
T +44 (0)1395 233077 – F +44 (0)1395 233905 admin@ctmpotterssupplies.co.uk

1.4 Emergency telephone number

Office Hours Only : +44 (0)1709 770801

2. HAZARDS IDENTIFICATION

Most important hazards

This document has been developed with the exclusive purpose of complying with the obligation of informing the supply chain according to article 32 of the Reach regulation, because this material is not classified and does not require a material safety data sheet.

Not a hazardous substance or mixture.

Other hazards

Prolonged inhalation of fine quartz dust may cause silicosis when the maximum admissible concentration at the work place is exceeded. Symptoms of a silicosis may be cough and chronic inflammation of the respiratory system. There is some evidence of increased risk of lung cancer in people who suffer from silicosis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : inorganic pigment, inorganic salt, silicatic material

Hazardous components

No hazardous ingredients

4. FIRST AID MEASURES

General advice	: Do not leave the victim unattended.
If inhaled	: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms	: None known.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products	
Specific extinguishing methods	
Special protective equipment:	No hazardous combustion products are known
	: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
	: In the event of fire, wear self-contained breathing apparatus for firefighters

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment.
Ensure adequate ventilation.	Evacuate personnel to safe areas.
Environmental precautions	: No special environmental precautions required.
Methods and materials for containment and cleaning up	: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Advice on safe handling	: For personal protection see section 8. No special handling advice required. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage	: Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	: No special restrictions on storage with other products. No materials to be especially mentioned.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : No data available

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks

: For prolonged or repeated contact use protective gloves.

Eye protection

: Safety glasses

Skin and body protection

: Protective suit

Protective measures

: Wear suitable protective equipment.
When using do not eat, drink or smoke.

Hygiene measures

: General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: powder
Colour	: Red
Odour	: odourless
Odour Threshold	: No data available
pH	: Not applicable
Melting point/range	: No data available
Boiling point/boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: No data available
Burning rate	: No data available
Upper explosion limit	: No data available

Lower explosion limit	: Not applicable
Vapour pressure	: No data available
Relative vapour density	: Not applicable
Relative density	: No data available
Bulk density	: No data available
Solubility(ies)	
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient	: No data available
Octanol/water	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, kinematic	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: Not applicable
Refractive index	: Not applicable

10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.
No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous : No hazards to be specially mentioned.

Conditions to avoid : No data available

Incompatible materials : No data available
Hazardous decomposition : Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Product:

Remarks: No data available

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks: No data available

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability**Product:**

Biodegradability : Remarks: No data available

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No data available

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: No data available

Other adverse effects

Product:

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional ecological information : No data available
There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

International Regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Pollution category : N/A

Ship type : N/A

15. REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Neither banned nor restricted

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Neither banned nor restricted

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

REACH - List of substances subject to authorisation (Annex XIV)

Regulation (EC) No 1005/2009 on substances that

deplete the ozone layer

Regulation (EC) No 850/2004 on persistent organic

: Neither banned nor restricted

: This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

: Neither banned nor restricted

: Neither banned nor restricted

: Neither banned nor restricted pollutants

Other international regulations

The components of this product are reported in the following inventories:

REACH	: This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).
CH INV	: On the inventory, or in compliance with the inventory
TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL.
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA), CH INV (Switzerland), MY INV (Malaysia), TR INV (Turkey), TW INV (Taiwan)

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.