



# SAFETY DATA SHEET

2624

TIVOLI RED STONEWARE GLAZE

## 1. Identification of substance/preparation and of the company undertaking

Trade name:	Tivoli Red Stoneware Glaze
Chemical Name:	-
Synonyms:	-

### Relevant identified uses:

Ceramic coating suited for firing, for glass and ceramics.

## 2. Composition/Information on Ingredients

**Chemical nature** Glass/frit, silicatic material

Chemical Name	CAS	Weight %	Classification (1272/2008/EC)
Frits, Chemicals	65997-18-4	< 100	Not classified
Crimson stain	148008-60-7	< 9	238-878-4

## 3. Hazards Identification

<b>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</b>	Not a hazardous substance or mixture. 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.
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<b>Labelling according to Regulation (EC) No. 1272/2008 (CLP)</b>	Not hazardous substance or mixture.
<b>Other hazards:</b>	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.



#### 4. First Aid Measures

<b>Inhalation</b>	If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do not induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
<b>Eyes</b>	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.
<b>Skin</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
<b>General advice</b>	Do not leave the victim unattended.

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

<b>Symptoms</b>	None known.
<b>Risks</b>	None known.

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

<b>Treatment</b>	The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.
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#### 5. Fire Fighting Hazards

<b>Extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	High volume water jet.
<b>Specific hazards</b>	In the event of fire, the product may emit harmful or toxic fumes.
<b>Specific protective equipment</b>	In the event of fire, wear self-contained breathing apparatus.
<b>Further information</b>	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 6. Accidental Release Measure

<b>Personal precautions</b>	Avoid dust formation. Use Personal Protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.
<b>Environmental precautions</b>	No special environmental precautions required.
<b>Methods and material for containment and cleaning up</b>	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### 7. Handling & Storage

<b>Handling</b>	No special handling advice required. Smoking, eating and drinking should be prohibited in the application area. Store in a
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	dry area away from foodstuffs.
<b>Advice on protection against fire and explosion</b>	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
<b>Hygiene measures</b>	General industrial hygiene practice.
<b>Storage conditions</b>	Keep container tightly closed in a dry and well-ventilated place. Electrical installations/working materials must comply with the technological safety standards. No special restrictions on storage with other products. No materials to be especially mentioned.
<b>Other data</b>	Keep in a dry place. No decomposition if stored and applied as directed.
<b>Specific use(s)</b>	Consult the technical guidelines for the use of this substance/mixture.

## 8. Exposure Control/Personal Protection

UK Occupational exposure limits: Refer to HSE Guidance note EH40	Mg/m <sup>3</sup> 8 hr TWA	% in product
Cobalt Compounds (Co)	0.15	38
Alumina		
Pb in compounds and frits		

In accordance with the HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health & Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the users' assessment of workplace risk.

### Exposure controls – Personal protective equipment

<b>Eye/face protection:</b>	Safety glasses
<b>Hand protection:</b>	For prolonged or repeated contact use protective gloves.
<b>Skin and body protection:</b>	Protective suit
<b>Respiratory protection:</b>	No personal respiratory protective equipment normally required.
<b>Protective measures:</b>	Wear suitable protective equipment. When using do not eat, drink or smoke.
<b>Environmental exposure controls:</b>	No special environmental precautions required.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Powder
<b>Colour</b>	Pink
<b>Odour</b>	Odourless
<b>Odour threshold</b>	Not applicable
<b>pH</b>	No data available
<b>Relative evaporation rate</b>	Not applicable
<b>Melting point (°C)</b>	No data available
<b>Boiling point</b>	No data available
<b>Flash point</b>	Not applicable
<b>Flammability (solid, gas)</b>	No data available



Burning rate	No data available
Self-ignition temperature	Not applicable
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapour pressure	No data available
Relative density	No data available
Density	No data available
Bulk density	No data available
Solubility	No data available
Partition coefficient: noctanol/water	Not applicable
Thermal decomposition	No data available
Viscosity, dynamic	Not applicable
Explosive properties	No data available
Refractive index	Not applicable

## 10. Stability & 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 reactions	No hazards to be specially mentioned.
Conditions to avoid	No data available.
Incompatible materials	No data available.
Hazardous decomposition products	Stable under normal conditions.

## 11. Toxicological Information

Acute toxicology	Not classified based on available information.
Inhalation	Harmful by inhalation and if swallowed.
Ingestion	Remarks: no data available
Skin contact	Remarks: no data available
Eye contact	Not classified based on available information.

## 12. Ecological Information

Acute aquatic toxicity	Product is slightly water pollutive
Chronic aquatic toxicity	No data available
Persistence	Remarks: No data available
Biodegradability	Remarks: No data available
Bioaccumulation	Remarks: No data available
Mobility in soil	Distribution among environmental compartments
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.
Other adverse effects	Remarks: No data available.



### 13. Disposal Considerations

<b>Waste treatment methods</b>	Dispose of in accordance with the current Waste Disposal Regulations. (For UK special Waste Regulations 1996).
<b>Contaminated packaging</b>	Empty packaging can have residues or dusts and are subject to proper waste disposal, as above.

### 14. Transport Information

<b>UN/SI No</b>	Not regulated as a dangerous good.
<b>UN proper shipping name</b>	Not regulated as a dangerous good.
<b>Transport hazard classes</b>	Not regulated as a dangerous good.
<b>Packing group</b>	Not regulated as a dangerous good.
<b>Environmental hazards</b>	Not regulated as a dangerous good.
<b>Special precautions for user</b>	No information available.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.

### 15. Regulatory Information

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	International Chemical Weapons Convention (CWC). Schedules of Toxic Chemicals and Precursors.
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### 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.