

# CTM POTTERS SUPPLIES

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product information

Trade name : GS 27; Bright Orange

Company : CTM Potters Supplies  
Unit 10A, Millpark Industrial Estate  
White Cross Road  
Woodbury Salterton  
Nr. Exeter  
EX5 1EL

Telephone : 01395-233-077  
Fax : 01395-233-905

E-mail address : [admin@ctmpotterssupplies.co.uk](mailto:admin@ctmpotterssupplies.co.uk)

Use of the Substance/Preparation : Ceramic coating suited for firing, for glass and ceramics.

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### 2. HAZARDS IDENTIFICATION

Hazard warning is not required.  
The material is a powder and will contain some dust of respirable size. Inhalation of dust may cause irritation to the respiratory system.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical nature:

Product contains: Mixture of various calcined oxides.

CAS-No.: 102184-95-2

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### 4. FIRST AID MEASURES

#### General advice:

Remove contaminated or saturated clothing.

#### Inhalation:

If a significant amount of dust is thought to have been inhaled, seek medical advice.

#### Skin contact:

Wash thoroughly with soap and water.

#### Eye contact:

In case of contact with eyes, rinse thoroughly with plenty of water.  
Seek medical advice.

#### Ingestion:

Seek medical advice.

#### Notes to physician:

No own experience available.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

No special measures needed.

**Extinguishing media which shall not be used for safety reasons:**

None known.

**Specific hazards during fire fighting:**

None known.

**Special protective equipment for fire-fighters:**

Employ protective equipment commonly used in the event of fire.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Avoid dust formation.  
Ensure adequate ventilation.  
Wear personal protective equipment; see section 8.

**Environmental precautions:**

Do not discharge into surface waters/groundwater.  
Slop material should either be pumped or collected with an absorbent material such as sawdust.

**Methods for cleaning up:**

Pick up mechanically and collect in a suitable container. Avoid formation of dust.  
A spillage can be dampened with a little water prior to physical removal of the material.

**Additional advice:**

Send in suitable containers for recovery or disposal.  
Dispose of contaminated material as waste in accordance with section 13.

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## 7. HANDLING AND STORAGE

**Handling**

**Safe handling advice:**

No particular measures required if used correctly. Ensure there is good room ventilation.  
Avoid production of dust. Do not breathe dust.  
Use breathing apparatus when transferring large quantities with out extraction facilities.

**Storage**

**Requirements for storage areas and containers:**

Store in dry area.

**Advice on common storage:**

Keep away from food.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Additional advice control parameters:**

For general airborne dust the WEL for respirable dust is 4mg/m<sup>3</sup>.  
(Health and Safety Executive's occupational Exposure limits EH40)

**Occupational exposure controls:**

The use of local exhaust ventilation to control the airborne dust levels below the occupational exposure guidelines should be used where necessary.

**Personal protective equipment:****Respiratory protection:**

If occurs respirable dust: Dust mask with P1 particle filter.

**Hand protection:**

Recommended: suitable protective gloves e.g. nitrile-butadiene rubber (NBR) gloves.

**Eye protection:**

Wear basket-shaped glasses or safety goggles with side-shields.

**Skin and body protection:**

Safety shoes. Wear dust proof overalls and hat.

**Hygiene measures:**

General industrial hygiene practice. Do not inhale dust. Do not eat or drink when working. Wash hands before breaks and after work. Keep away from food and drink.

**Protective measures:**

No particular measures required.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:**

Form	powder
Colour	orange
Odour	odourless

**Safety Data:**

<b>Changes in the physical state</b>	<b>Test method</b>
Melting point:	> 500C
Flash point:	No flash point.
Flammability:	not applicable
Ignition temperature:	not applicable
Explosion limits:	not applicable
Density: (at 20 °C)	not known
Water solubility:	Negligible solubility in water.

**10. STABILITY AND REACTIVITY**

Thermal decomposition:	No decomposition at normal processing temperatures.
Materials to avoid:	No hazardous reactions observed.
Hazardous decomposition products:	No hazardous decomposition products known.

**11. TOXICOLOGICAL INFORMATION****Additional information:**

The material is NOT classified as toxic.  
Workplace Exposure Limit (WEL) respirable dust: 4.0mg/m<sup>3</sup>

**12. ECOLOGICAL INFORMATION**

As the product is practically insoluble in water, it is separated in almost any filtration and sedimentation process.

### 13. DISPOSAL CONSIDERATIONS

Dispose of materials and empty containers in accordance with local authority regulations as a hazardous waste.

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### 14. TRANSPORT INFORMATION

No special requirements apply.  
Keep separated from foodstuffs.

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### 15. REGULATORY INFORMATION

No labelling is required for this material by the Classification Packaging & Labelling of Dangerous Substances Regulations 1984 and corresponding EEC directives.

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### 16. OTHER INFORMATION

**Further Information:**

Data sheet producing department: CTM Potters Supplies  
Telephone: 01395-233-077

**Disclaimer:**

The information contained in this safety data sheet has been prepared using the best available information, however in view of technical developments, this may alter. The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.