

# Safety Data Sheet

according to UK REACH Regulation



## Glaze 9631 Glut Orange

Revision date: 15.07.2025

Product code: 9631

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

#### 1.1. Product identifier

Glaze 9631 Glut Orange

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

##### Use of the substance/mixture

Manufacture of ceramic coatings suited for firing ceramics.

#### 1.3. Details of the supplier of the safety data sheet

Company name:	TerraColor GmbH	
Street:	Manderscheidtstr. 90	
Place:	D-45141 Essen	
Telephone:	+49 (0) 201 293300	Telefax: +49 (0) 201 2944389
E-mail:	info@terra-color.de	
Contact person:	Dr. Monika Szurman	
E-mail:	sdb@terra-color.de	
Internet:	www.terra-color.de	

1.4. Emergency telephone number: +49 (0) 201 293300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

#### 2.2. Label elements

##### Additional advice on labelling

No indication of danger (phrases H) required according to Regulation (EC) No. 1272/2008.

#### 2.3. Other hazards

The mixture does not contain substances classified as PBT.

The mixture does not contain substances classified as vPvB.

The mixture does not contain any endocrine disrupting properties substances.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture of frits (silicate glasses), mineral oxides, metal oxides and inorganic pigments.

##### Relevant ingredients

none (according to UK REACH Regulation)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Remove contaminated or saturated clothing.

##### After inhalation

Take affected persons out into the fresh air.

##### After contact with skin

Precautionally wash off with soap and water.

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### **After contact with eyes**

In case of contact with eyes rinse thoroughly with water.

### **After ingestion**

In the event of symptoms refer for medical treatment.

### **4.2. Most important symptoms and effects, both acute and delayed**

none known

### **4.3. Indication of any immediate medical attention and special treatment needed**

In all cases of doubt, or when symptoms persist, seek medical advice.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings. Extinguishing powder./Carbon dioxide (CO<sub>2</sub>).

#### **Unsuitable extinguishing media**

none known

### **5.2. Special hazards arising from the substance or mixture**

none known

### **5.3. Advice for firefighters**

Employ protective equipment commonly used in the event of fire.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

#### **General advice**

Wear personal protection equipment. Provide adequate ventilation. Avoid dust formation.

### **6.2. Environmental precautions**

Prevent penetration into stretches of water and drainage systems.

### **6.3. Methods and material for containment and cleaning up**

#### **For containment**

Collect spillage.

#### **For cleaning up**

Clear contaminated areas thoroughly.

#### **Other information**

Pick up mechanically and collect in a suitable container. Avoid formation of dust.

### **6.4. Reference to other sections**

Personal protection equipment: see section 8

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid production of dust. Do not breathe dust. Open windows to ensure natural ventilation.

#### **Advice on protection against fire and explosion**

No special fire protection measures are necessary.

#### **Advice on general occupational hygiene**

Do not breathe dust. Wash hands before breaks and after work.

### **7.2. Conditions for safe storage, including any incompatibilities**

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### Requirements for storage rooms and vessels

No special storage conditions are necessary.

### 7.3. Specific end use(s)

no data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

Observe general dust limit MAK (A = respirable fraction): 1,25 mg/m<sup>3</sup>.

### 8.2. Exposure controls

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Dust protection goggles.

##### Hand protection

Wear protective gloves made of the following materials: NBR (Nitrile rubber).

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	Powder	
Colour:	pinkish red	
Odour:	odourless	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		not applicable
Flash point:		not applicable
Decomposition temperature:		not available
Water solubility:		not determined
Density:		not determined

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Explosive properties

It does not contain chemical groups associated with explosive properties.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under recommended storage conditions.

### 10.2. Chemical stability

No decomposition if stored normally.

### 10.3. Possibility of hazardous reactions

none known

### 10.4. Conditions to avoid

No dangerous reaction known under conditions of normal use.

### 10.5. Incompatible materials

none known

### 10.6. Hazardous decomposition products

none known

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

Acute, oral toxicity

frits, chemicals; CAS-Nr.: 65997-18-4; EG-Nr.: 266-047-6; LD50: > 2.000,00 mg/kg (Species: Rat)

##### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l; ATE (inhalation gas) > 20000 ppm

##### **Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Powder can cause localised skin irritation in folds of the skin or under tight clothing.

##### **Sensitising effects**

Based on available data, the classification criteria are not met.

none known

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

##### **STOT-single exposure**

Based on available data, the classification criteria are not met.

##### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

##### **Aspiration hazard**

Based on available data, the classification criteria are not met.

#### 11.2. Information on other hazards

##### **Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Based on available data, the classification criteria are not met.

#### 12.2. Persistence and degradability

Poorly watersoluble, inorganic product. Can be mechanically precipitated to a large extent in biological sewage plants.

#### 12.3. Bioaccumulative potential

No data available

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

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### Disposal recommendations

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### Other applicable information

Not a hazardous material with respect to transportation regulations.

## SECTION 15: Regulatory information

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

#### EU regulatory information

Directive 2004/42/EC on VOC in paints and varnishes: 0

#### Additional information

REACH - List of substances subject to authorization (Annex XIV): Not prohibited and/or restricted.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on controlling major-accident hazards involving dangerous substances: not applicable.

Regulation (EC) No. 649/2012 of the European Parliament and of the Council on the export and import of dangerous chemicals: not applicable.

#### National regulatory information

Water hazard class (D): - - non-hazardous to water

## SECTION 16: Other information

### Changes

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.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*