

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

#### 1.1. Product Identifier

GZ2314P Transparent Silky Fine Stoneware Crackle Glazes

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

##### Identified uses

Ceramic coating suited for firing for glass and ceramics.

##### Uses Advised Against

This product must only be used for the purpose(s) specified above.

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

Simba Materials Limited

Doncaster

Unit 7-8

Broomhouse Lane Industrial Estate

Doncaster

DN12 1EQ

United Kingdom

Tel: (01709) 770801

Doncaster@ctmpotterssupplies.co.uk

Exeter

Unit 10a

Mill Park Industrial Estate

Woodbury Salterton

EX5 1EL

United Kingdom

(01395) 233077

Admin@ctmspotterssupplies.co.uk

#### 1.3. Emergency telephone number

(01709) 770801 Office Hours Only

### SECTION 2: Hazards Identification

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

##### Classification (EC 1272/2008)

Physical and Chemical	Hazards Not classified.
Human health	Not classified.
Environment	Not classified.

##### Classification (1999/45/EEC)

Not classified.

##### Human Health

See section 11 for additional information on health hazards.  
Environment  
The product is not expected to be hazardous to the environment.

#### 2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008

Not classified.

**Supplemental Label Information (EU)**

**EUH210 Safety data sheet available on request.**

## **2.3. Other hazards**

### **SECTION 3: Composition/information on ingredients**

#### **3.2. Mixtures**

Silica Powder (respirable crystalline silica) 2.5-5.0%

CAS-No.: 14808-60-7

EC No.: 238-878-4

Classification (EC 1272/2008)

Classification (67/548/EEC)

STOT Rep. 2 - H373

Xn;R48/20.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

<b>Inhalation</b>	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Rinse with water. Contact physician if discomfort continues.

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

<b>General Information</b>	The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms noted.
<b>Ingestion</b>	No specific symptoms noted.
<b>Skin Contact</b>	No specific symptoms noted.
<b>Eye Contact</b>	May cause temporary eye irritation.

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

No specific first aid measures noted.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

##### **Extinguishing Media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

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

##### **Hazardous Combustion Products**

Not known.

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

##### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

##### **Protective Measures In Fire**

Wear full protective clothing.

## SECTION 6: Accidental release measures

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

Collect and dispose of spillage as indicated in section 13.

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

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

### **6.3. Reference to other sections**

No specified

## SECTION 7: Handling and Storage

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

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage Class

Unspecified storage.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### **8.1 Control Parameters**

#### **Exposure limits**

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
Silica Powder (respirable crystalline silica)	WEL	0.1 mg/m3 resp.dust		
WEL = Workplace Exposure Limit.				

Ingredient Comments

WEL = Workplace Exposure Limits

### **8.2. Exposure controls**

#### **Engineering Measures**

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

#### **Respiratory Equipment**

Use respiratory equipment with particle filter, type P3. or Supplied-air respirator with full facepiece, helmet or hood.

#### **Hand Protection**

For prolonged or repeated skin contact use suitable protective gloves.

**Eye Protection**

Wear dust resistant safety goggles where there is danger of eye contact.

### **Hygiene Measures**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

### **Skin Protection**

Wear apron or protective clothing in case of contact.

## **SECTION 9: Physical and chemical properties**

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

#### **General information**

Form:	Granular Powder, dust
Colour:	White / off-white
Odour:	No characteristic odour.
Water solubility	Insoluble in water

### **9.2. Other information**

## **SECTION 10: Physical and chemical properties**

### **10.1. Reactivity**

There are no known reactivity hazards associated with this product.

### **10.2. Chemical stability**

Stable under normal temperature conditions.

### **10.3. Possibility of hazardous reactions**

Not applicable.

### **10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time.

### **10.5. Incompatible materials**

Materials To Avoid  
No incompatible groups noted.

### **10.6. Hazardous decomposition products**

No hazardous decomposition products.

## **SECTION 11: Toxicological Properties**

### **11.1. Information on toxicological effects**

#### **Inhalation**

This powder or suspension contains a proportion of respirable crystalline silica, although not sufficient to classify the product. Products which contain crystalline silica (quartz) may be hazardous if the silica is finely divided. Inhalation of respirable sized crystalline silica over a prolonged period of time can result in damage to lung tissue and impaired pulmonary function. Avoid Inhalation of dust

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin Contact**

Powder may irritate skin.

#### **Eye Contact**

Particles in the eyes may cause irritation and smarting.

## SECTION 12: Ecological Information

### Ecotoxicity:

Not regarded as dangerous for the environment.

### 12.1. Toxicity

#### **Acute Fish Toxicity**

Not considered toxic to fish.

### 12.2. Persistence and degradability

#### **Degradability:**

This product mainly consists of inorganic compounds which are not biodegradable. The remaining substances of the product are expected to be not readily biodegradable.

### 12.3. Bioaccumulative potential

#### **Bioaccumulative Potential:**

The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

#### **Mobility:**

Not considered mobile.

### 12.5. Results of PBT and vPvB assessment

No information

### 12.6. Other adverse effects

No information

## SECTION 13: Waste disposal

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

#### **Waste Class**

This material as supplied can be disposed of under the following classification:

## SECTION 14: Transport information

<b>General</b>	This product is not classified as dangerous for conveyance.
<b>Road Transport Notes</b>	Not Classified
<b>Rail Transport Notes</b>	Not classified.
<b>Sea Transport Notes</b>	Not classified.
<b>Air Transport Notes</b>	Not classified.

### 14.1. UN number

No information required.

### 14.2. UN proper shipping name

ADR/RID, IMDG, IATA:

No information required.

### 14.3. Transport hazard class(es)

No information required.

### 14.4. Packaging group

No information required.

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No

#### **14.6. Special precautions for user**

No information required.

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

No information required.

### **SECTION 15: Regulatory information**

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

##### **Uk Regulatory References**

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

##### **Environmental Listing**

No listing noted.

##### **Approved Code Of Practice**

Safety Data Sheets for Substances and Preparations.

##### **Guidance Notes**

In the UK the following HSE ([www.hse.gov.uk](http://www.hse.gov.uk)) guidance note applies Workplace Exposure Limits EH40.

##### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC)

No 1907/2006 with amendments.

##### **Health And Environmental Listings**

None of the ingredients are listed.

##### **Water Hazard Classification**

N/A.

#### **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

### **SECTION 16: Other Information**

#### **General Information**

Only trained personnel should use this material.

Information Sources

##### **Sources of key data:**

HSE website <http://www.hse.gov.uk/>

Guidance Note EH40 Workplace Exposure Limits.

Raw material suppliers Material Safety Data Sheets

ESIS website <http://ecb.jrc.ec.europa.eu/esis/>

REACH regulations particularly Article 31 and Annex II

Revision Date 01/03/2011

Revision 2

Supersedes Date 01/03/2011

Risk Phrases In Full

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Hazard Statements In Full

H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

*DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable*