

## FICHE DE DONNEES DE SECURITE

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

#### 1.1. Product identifier

Product name CS-2300

Product number 1CS 2300

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

Identified uses Ceramic

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

**CERADEL**

ZA LE PROUET – 53 RUE DE LA FILATURE

CS 50027 – F-87350 PANAZOL

Tél : + 33 (0)5 55 35 02 35

Fax : + 33 (0)5 55 35 02 30

Email : [ceradel@ceradel.fr](mailto:ceradel@ceradel.fr)

Web : [www.ceradel.fr](http://www.ceradel.fr)

#### 1.4. Emergency telephone number

Emergency telephone : ORFILA : 01 45 42 59 59

### SECTION 2: Hazards identification

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

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements NC Not Classified

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### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Composition comments

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place.

##### Ingestion

Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting.

##### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. NEVER use solvents or thinners.

##### Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention.

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

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

##### General

Get medical attention if any discomfort continues., Never give anything by mouth to an unconscious person.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

##### **Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** No unusual fire or explosion hazards noted.

##### **Hazardous combustion products**

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 5.3. Advice for firefighters

##### **Protective actions during firefighting**

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Keep up-wind to avoid fumes. Control run-off water by containing and keeping it out of sewers and watercourses.

##### **Special protective equipment for firefighters**

Use protective equipment appropriate for surrounding materials.

### SECTION 6: Accidental release measures

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

Personal precautions For personal protection, see Section 8.

#### 6.2. Environmental precautions

##### **Environmental precautions**

Not regarded as dangerous for the environment. Avoid discharge into drains or watercourses or onto the ground.

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

#### **Methods for cleaning up**

Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar. Avoid generation and spreading of dust.

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

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

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

#### **Usage precautions**

Good personal hygiene procedures should be implemented. For personal protection, see Section 8. Do not eat, drink or smoke when using this product.

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

Storage precautions Store at moderate temperatures in dry, well ventilated area.

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

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**

#### **Occupational exposure limits**

RESPIRABLE CRYSTALLINE SILICA (QUARTZ)

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### **8.2. Exposure controls**

#### **Protective equipment**



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### Appropriate engineering controls

Provide adequate ventilation. Use engineering controls to reduce air contamination to permissible exposure level.

**Eye/face protection**      Wear tight-fitting, chemical splash goggles or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

### Other skin and body protection

Wear appropriate clothing to prevent reasonably probable skin contact.

### Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Solid.
<b>Colour</b>	Various colours.
<b>Odour</b>	No characteristic odour.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	Not determined.
<b>Melting point</b>	> 600°C
<b>Initial boiling point and range</b>	Not relevant.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Relative density</b>	Not determined.
<b>Solubility(ies)</b>	Almost insoluble in the following materials:      Water.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Explosive properties</b>	Not applicable.

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### 9.2. Other information

Other information None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Conditions to avoid N/A

### 10.5. Incompatible materials

#### Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological effects	No information available.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause temporary eye irritation.

## SECTION 12: Ecological Information

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

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### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal methods

Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

## SECTION 14: Transport information

### General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

### 14.6. Special precautions for user

Not applicable.

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

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

Not applicable.

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

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

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 (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

#### **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.

Key literature references and sources for data

<http://echa.europa.eu>

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