

## Safety Data Sheet

according to WHMIS

### VITA TITANKERAMIK

Revision date: 09.02.2017

Product code: 101-CA

Page 1 of 5

## 1. Identification

### Product identifier

VITA TITANKERAMIK

CAS No: 66402-68-4

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

#### Use of the substance/mixture

medical device

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

Company name: VITA Zahnfabrik H. Rauter GmbH & Co. KG

Post-office box: 1338

79704 Bad Säckingen

Telephone: +49(0)7761-562-0

Telefax: +49(0)7761-562-299

e-mail: info@vita-zahnfabrik.com

Internet: www.vita-zahnfabrik.com

**Emergency telephone number:** +49-(0)761-19240

### Further Information

medical device

## 2. Hazard identification

### Classification of the substance or mixture

#### WHMIS 2015

This mixture is not classified as hazardous in accordance with WHMIS 2015.

### Label elements

#### Other hazards

No information available.

## 3. Composition/information on ingredients

### Mixtures

#### Chemical characterization

Ceramic

#### Hazardous components

| CAS No     | Chemical name                | Quantity     |
|------------|------------------------------|--------------|
| 66402-68-4 | ceramics materials and frits | 95 - < 100 % |

## 4. First-aid measures

### Description of first aid measures

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

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

Treat symptomatically.

## 5. Fire-fighting measures

### Extinguishing media

## Safety Data Sheet

according to WHMIS

### VITA TITANKERAMIK

Revision date: 09.02.2017

Product code: 101-CA

Page 2 of 5

#### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

#### **Specific hazards arising from the hazardous product**

Non-flammable.

#### **Special protective equipment and precautions for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## 6. Accidental release measures

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

Avoid generation of dust. Do not breathe dust.

#### **Environmental precautions**

Do not allow to enter into surface water or drains.

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

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

#### **Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## 7. Handling and storage

#### **Precautions for safe handling**

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

No special measures are necessary.

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

No special fire protection measures are necessary.

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

##### **Requirements for storage rooms and vessels**

Keep container tightly closed.

##### **Advice on storage compatibility**

No special measures are necessary.

## 8. Exposure controls/Personal protection

#### **Control parameters**

#### **Exposure controls**

##### **Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

##### **Eye/face protection**

Dust protection eye glasses

##### **Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. NBR (Nitrile rubber) Recommended glove articles KCL Dermatril P

##### **Skin protection**

Wear suitable protective clothing.

## Safety Data Sheet

according to WHMIS

### VITA TITANKERAMIK

Revision date: 09.02.2017

Product code: 101-CA

Page 3 of 5

#### Respiratory protection

Provide adequate ventilation as well as local exhaust at critical locations. Technical ventilation of workplace

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Powder  
 Colour:  
 Odour: odourless

#### Test method

pH-Value: not determined

#### Changes in the physical state

Melting point: not determined

#### Flammability

Solid: not determined  
 Gas: not applicable

Lower explosive limits: not determined

Upper explosive limits: not determined

#### Auto-ignition temperature

Solid: not determined  
 Gas: not applicable

Decomposition temperature: not determined

#### Oxidizing properties

Not oxidizing.

Vapour pressure: <=1100 hPa  
 (at 50 °C)

Density: not determined

Water solubility: No

#### Solubility in other solvents

not determined

Partition coefficient: not determined

Vapour density: not determined

Evaporation rate: not determined

#### Other information

Solid content: 100,0 %

## 10. Stability and reactivity

#### Conditions to avoid

none

#### Incompatible materials

No information available.

#### Hazardous decomposition products

No known hazardous decomposition products.

## 11. Toxicological information

## Safety Data Sheet

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### VITA TITANKERAMIK

Revision date: 09.02.2017

Product code: 101-CA

Page 4 of 5

#### Information on toxicological effects

**Acute toxicity**

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

**Irritation and corrosivity**

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

**Sensitizing effects**

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

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

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.

**Additional information on tests**

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

#### 12. Ecological information

**Ecotoxicity**

The product is not: Ecotoxic.

**Persistence and degradability**

The product has not been tested.

**Bioaccumulative potential**

The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

#### 13. Disposal considerations

**Waste treatment methods****Advice on disposal**

Waste codes/waste designations according to EWC/AVV Dispose of waste according to applicable legislation.

**Contaminated packaging**

Waste codes/waste designations according to EWC/AVV

#### 14. Transport information

**Marine transport (IMDG)****UN number:**

No dangerous good in sense of this transport regulation.

**United Nations proper shipping name:**

No dangerous good in sense of this transport regulation.

**Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

## Safety Data Sheet

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### VITA TITANKERAMIK

Revision date: 09.02.2017

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Page 5 of 5

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**Packing group:** No dangerous good in sense of this transport regulation.

#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

### 15. Regulatory information

#### Canadian regulations

### 16. Other information

#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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