

## Material Safety Data Sheet

According to 91/155 EEC

Printing date 09.12.2005

Reviewed on 15.06.2005

### 1 Identification of substance:

*Product details:*

*Trade name:* VITA In-Ceram Classic ZIRCONIA BLANKS for DCS

*Article number:* EDZB80     **Vident Part Number: V54-103**

*Manufacturer/Supplier:*

VITA Zahnfabrik  
H. Rauter GmbH & Co. KG

Postfach 1338  
D 79704 Bad Säckingen

*Information in case of emergency:* Tel: ++49-(0)7761-562-0

**Distributed By:**

**Vident**

**3150 E. Birch St.  
Brea, CA 92821**

**Phone: 714-961-6200**

**Fax: 714-961-6299**

**Emergency Contact Info.**

**For U.S. and Canada: See last page**

*Tel:* ++49/(0)7761/562-0

*Fax:* ++49/(0)7761/562299

### 2 Composition/Data on components:

*Chemical characterization:*

*CAS No. Description:*

*Product:* ceramic solid-state body containing aluminium oxide and zirconium oxide  
Aluminium-anodized attachment

*Identification number(s):*

### 3 Hazard identification

*Hazard description:* not applicable

*Information concerning to particular hazards to man and environment:* not applicable

### 4 First aid measures

*General information:* No special measures required

*After inhalation:* Supply fresh air.

*After skin contact:* Rinse with warm water.

*After eye contact:* Rinse opened eye for several minutes under running water.

*After swallowing:* Seek medical treatment.

### 5 Fire fighting measures

*Suitable extinguishing agents:* Use fire extinguishing methods suitable to surrounding conditions.

*Protective equipment:* No special measures required.

### 6 Accidental release measures

*Person-related safety precautions:* Not required.

*Measures for environmental protection:* No special measures required.

*Measures for cleaning/collecting:* Pick up mechanically.

*Additional information:* No dangerous substances are released.

### 7 Handling and storage

*Handling:*

*Information for safe handling:*

Prevent formation of dust

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Provide suction extractors if dust is formed

Information about fire - and explosion protection: No special measures required

**Storage**

Requirements to be met by storerooms and receptacles: No special requirements

Information about storage in one common storage facility: Not required

Further information about storage conditions: None

## \* 8 Exposure controls and personal protection gear

Additional information about design of technical facilities: No further data, see item 7

Ingredients with limit values that require monitoring at the workplace: Not required

Additional information: The lists valid during the making were used as basis.

**Personal protective equipment**

Respiratory protection: Not necessary if room is well-ventilated

Protection of hands:



Protective gloves

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

## 9 Physical and chemical properties:

**General Information**

Form: Solid  
Colour: Whitish  
Odour: Odourless

**Change in condition**

Melting point/Melting range: ca 1200°C  
Boiling point/Boiling range: undetermined

Flash point: Not applicable

Danger of explosion: Product does not present an explosion hazard

Density: Not determined

**Solubility in / Miscibility with**

Water: Not miscible or difficult to mix  
Organic solvents: 0.0 %

Solids content: 100.0 %

## 10 Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications

Dangerous reactions: No dangerous reactions known

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*Dangerous decomposition products: No dangerous decomposition products known*

### 11 Toxicological information

*Acute toxicity:*

*Primary irritant effect:*

*on the skin: No irritant effect*

*on the eye: No irritating effect*

*Sensitization: No sensitizing effects known*

*Additional toxicological information:*

*When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us*

### 12 Ecological information:

*General notes: At present there are no ecotoxicological assessments*

### 13 Disposal considerations

*Product:*

*Recommendation Disposal must be made according to official regulations*

*Uncleaned packaging:*

*Recommendation: Disposal must be made according to official regulations*

### 14 Transport information

*Maritime transport IMDG:*

*Marine pollutant: No*

### 15 Regulations

*Labelling according to EU guidelines:*

*The substance is not subject to classification according to EU lists and other sources of literature known to us*

*The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV)*

*National regulations*

*Waterhazard class: undetermined*

### 16 Other information:

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship*

*\* Data compared to the previous version altered.*

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SPILLS • EXPOSURES • POISONINGS	<b>800-451-8346 or 760-602-8703</b>
<b>MSDS</b>	INFO TO HAVE WHEN CALLING:
	• Product Name & Number • Manufacturer Name • Manufacturer Phone Number • UPC Code
MATERIAL SAFETY DATA SHEETS	24 HOURS A DAY 7 DAYS A WEEK 365 DAYS A YEAR
	34-7-388 3E COMPANY EMERGENCY INFORMATION & COMPLIANCE SERVICES