

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077069636

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

077071152 077071160 077071186 077071202 077071210 077071228 077071236 077071244 077071251 077071269

077071277 077071285 077071327 077071335 077071343

## Material Safety Data Sheet

According to 91/155 EEC

Printing date 21 12 2005

Reviewed on 15 06 2005

### \* 1 Identification of substance:

**Product details:**

Trade name: VITA In-Ceram 2000 YZ CUBES for inLab

Article number: ECYZ205, ECYZ402, ECYZ2025, ECYZ4010

Manufacturer/Supplier: **Vident Part Numbers: V59-205 V59-225**  
 VITA Zahnfabrik **V59-402 V59-410**  
 H Rauter GmbH & Co. KG

**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*

*Postfach 1338*

*D 79704 Bad Säckingen*

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

### \* 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):**

*Chemical characterization*

*Description: porous ZrO2 block*

### \* 3 Hazard identification

*Hazard description: not applicable*

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

**Classification system**

*The classification is according to the latest editions of the EU-lists, and extended by company and literature data*

### 4 First aid measures

*General information No special measures required*

*After inhalation Supply fresh air; consult doctor in case of complaints*

*After skin contact Rinse with warm water*

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

*After swallowing If symptoms persist consult doctor*

### 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: Do not allow product to reach sewage system or any water course*

*Measures for cleaning/collecting: Pick up mechanically*

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**MSDS-1337**  
**Rev: A**  
**10-14-06**

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Reviewed on 15 06 2005

Trade name: VITA In-Ceram 2000 YZ CUBES for inLab

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Additional information: No dangerous substances are released

### \* 7 Handling and storage

#### Handling

##### Information for safe handling:

Ensure good ventilation/exhaustion at the workplace

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:

1314-23-4 zirconium dioxide

OES Short-term value: 10 mg/m<sup>3</sup>Long-term value 5 mg/m<sup>3</sup>

as Zr

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

#### Personal protective equipment

##### General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: In case of dust formation use respiration filter

Protection of hands: Not required

Material of gloves -

Penetration time of glove material -

Eye protection: Safety glasses

### 9 Physical and chemical properties:

#### General Information

Form:	Solid
Colour:	White
Odour:	Odourless

#### Change in condition

Melting point/Melting range: undetermined

Boiling point/Boiling range: undetermined

Flash point: Not applicable

Self-igniting: Product is not selfigniting

Danger of explosion: Product does not present an explosion hazard.

Density at 20°C: 3.0 g/cm<sup>3</sup>

#### Solubility in / Miscibility with

Water: Insoluble

Organic solvents: 0.0 %

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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
- *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:*
- *The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version*
- *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.*
- *Do not allow product to reach ground water, water course or sewage system*

**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**

- *Land transport ADR/RID (cross-border)*
- *ADR/RID class:* -
- *Maritime transport IMDG:*
- *IMDG Class:* -
- *Marine pollutant:* No
- *Air transport ICAO-TI and IATA-DGR:*
- *ICAO/IATA Class:* -

**\* 15 Regulations**

- *Labelling according to EU guidelines:*
- *Observe the general safety regulations when handling chemicals*

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**Material Safety Data Sheet**  
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Trade name: *VITA In-Ceram 2000 YZ CUBES for inLab*

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

*Safety phrases:*

*29 Do not empty into drains*

*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

# MSDS

MATERIAL SAFETY DATA SHEETS

24-7-365

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