

SAFETY DATA SHEETS

This SDS packet was issued with item:

077071327

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

077069636 077071152 077071160 077071186 077071202 077071210 077071228 077071236 077071244 077071251

077071269 077071277 077071285 077071335 077071343

Material Safety Data Sheet
According to 91/155 EEC

Page 1/4

MSDS-1337
Rev: A
10-14-06

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

Postfach 1338

D 79704 Bad Säckingen

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

Emergency Contact Info.

For U.S. and Canada: See last page

Distributed By:
Vident

3150 E. Birch St.
Brea, CA 92821

Phone: 714-961-6200

Fax: 714-961-6299

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):

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

(Contd. on page 2)

GB

Material Safety Data Sheet
According to 91/155 EEC

Page 2/4

MSDS-1337
Rev: A
10-14-06

Printing date 21 12 2005

Reviewed on 15 06 2005

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

(Contd. of page 1)

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/m³

Long-term value 5 mg/m³

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:	<i>Solid</i>
Colour:	<i>White</i>
Odour:	<i>Odourless</i>

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/cm³*

Solubility in / Miscibility with

Water: *Insoluble*

Organic solvents: *0 0 %*

(Contd. on page 3)

GB

Material Safety Data Sheet
According to 91/155 EEC

Page 3/4

MSDS-1337
Rev: A
10-14-06

Printing date 21.12.2005

Reviewed on 15.06.2005

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

(Contd. of page 2)

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

(Contd. on page 4)

GB

Material Safety Data Sheet
According to 91/155 EEC

Page 4/4

MSDS-1337
Rev: A
10-14-06

Printing date 21 12 2005

Reviewed on 15 06 2005

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

(Contd. of page 3)

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.**

GB

