

Material Safety Data Sheet
According to 91/155 EC

Printing date 26.07.2001

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1 Identification of substance:

- **Product details:**
- **Trade name:** *VITA In-Ceram ALUMINA BLANKS for CEREC*
- **Article number:** *EC2CA12*
- **Manufacturer/Supplier:** **Vident P/N: V54-104**
VITA Zahnfabrik
H. Rauter GmbH & Co. KG

Postfach 1338
D 79704 Bad Säckingen

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

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2 Composition/Data on components:

- **Chemical characterization:**
- **CAS No. Description:**
Product: ceramic solid-state body containing aluminium oxide
Aluminium-anodized attachment
- **Identification number(s):**

3 Hazard identification

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

4 First aid measures

- **General information:** *No special measures required.*
- **After skin contact:** *Generally the product does not irritate the skin.*

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:** *No special measures required*
- **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*

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- Further information about storage conditions: None
- Storage class
- Class according to regulation on flammable liquids: Void

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 required.
- Protection of hands: Not required.
- Eye protection: Not required

9 Physical and chemical properties:

Form:	Solid.
Colour:	Different according to colouring
Odour:	Odourless

Change in condition
Melting point/Melting range: ca 2000°C
Boiling point/Boiling range: undetermined

- | | |
|------------------------------------|--|
| - Flash point: | Not applicable |
| - Flammability (solid, gaseous) | Product is not flammable |
| - Danger of explosion: | Product does not present an explosion hazard |
| - Density at 20°C: | 2.76 g/cm ³ |
| - Solubility in / Miscibility with | |
| Water: | Insoluble |
| 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
- 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

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12 Ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment) slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

13 Disposal considerations

Product:

Recommendation Can be disposed of within household waste

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)

Safety phrases:-

29 Do not empty into drains.

National regulations

Classification according to VbF: Void

Waterhazard class: Water hazard class 1 (Self-assessment) slightly hazardous for water

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