

Material Safety Data Sheet
According to 91/155 EC

MSDS-1334
REV: N/C
8-7-01

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1 Identification of substance:

Product details:

Trade name: VITA In-Ceram ZIRCONIA BLANKS for CEREC

Article number: EC2CZ12

Manufacturer/Supplier:

VITA Zahnfabrik
H. Rauter GmbH & Co. KG

Vident P/N: V64-105

Distributed By:

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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; consult doctor in case of complaints

After skin contact: Generally the product does not irritate the skin

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 to enter sewers/ surface or ground water

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

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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

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: Whitish
Odour: Odourless

Change in condition

Melting point/Melting range: ca 1200°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: Not determined

Solubility in / Miscibility with

Water: Insoluble

Organic solvents: 0 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

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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:

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)

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

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