

**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 Additiv

Article number: HZ5      **Vident P/N: V98-127**

**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**

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

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**For U.S. and Canada: See Last Page**

**2 Composition/Data on components:**

**Chemical characterization**

Description: Aqueous mixing fluid

Dangerous components: Void

**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 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: Do not allow to enter sewers/ surface or ground water

**Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)

Additional information: No dangerous substances are released

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**7 Handling and storage****Handling**

**Information for safe handling:** Store in cool, dry place in tightly closed receptacles  
**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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

**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:** Not required

**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

**Eye protection:** Goggles recommended during refilling

**9 Physical and chemical properties:****General Information**

**Form:** Fluid  
**Colour:** According to product specification  
**Odour:** Characteristic

**Change in condition**

**Melting point/Melting range:** undetermined  
**Boiling point/Boiling range:** 100°C

**Flash point:** < 100°C

**Self-igniting:** Product is not selfigniting

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

**Vapour pressure at 20°C:** 23 hPa

**Density at 20°C:** 1.033 g/cm<sup>3</sup>

**Solubility in / Miscibility with Water:** Fully miscible

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**Solvent content:**

Organic solvents:	0.0 %
Water:	70.0 %

**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.*

**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*
- *Recommended cleansing agents: Water, if necessary together with cleansing agents*

**14 Transport information**

- *Maritime transport IMDG:*
- *Marine pollutant: No*

**15 Regulations**

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

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**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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**Emergency Contact Info for U.S. and Canada:**

SPILLS • EXPOSURES • POISONINGS

**MSDS**

MATERIAL SAFETY DATA SHEETS

**800-451-8346** or **760-602-8703**

INFO TO HAVE WHEN CALLING:  
 • Product Name & Number • Manufacturer Name  
 • Manufacturer Phone Number • UPC Code

**24** HOURS A DAY **7** DAYS A WEEK **365** DAYS A YEAR

**3E COMPANY**  
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