

**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 SPINELL Powder

Article number: HSP200 **Vident P/N: V98-120**

*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**

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**For US or Canada: See last page**

**2 Composition/Data on components:**

*Chemical characterization:*

CAS No. Description:

Spinell

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*

*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:*

*Avoid formation of dust*

*Use respiratory protective device against the effects of fumes/dust/aerosol*

*Measures for environmental protection: No special measures required*

*Measures for cleaning/collecting: Pick up mechanically*

*Additional information: No dangerous substances are released.*

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**7 Handling and storage****Handling****Information for safe handling:**

Prevent formation of dust

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:****Spinell**OEL Short-term value: 6 mg/m<sup>3</sup>**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 necessary if room is well-ventilated**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:** Not required**9 Physical and chemical properties:****General Information**

|                |           |
|----------------|-----------|
| <b>Form:</b>   | Powder    |
| <b>Colour:</b> | White     |
| <b>Odour:</b>  | Odourless |

**Change in condition****Melting point/Melting range:** ca 2130°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:** 3.5 g/cm<sup>3</sup>**Solubility in / Miscibility with****Water:** Insoluble

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*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.
  - The substance is not subject to classification according to the latest version of the EU lists

**12 Ecological information:**

- General notes:* At present there are no ecotoxicological assessments

**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**

- 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:*
  - 22 Do not breathe dust.

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· *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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**Emergency Contact Info for US and Canada:**

|                                 |  |
|---------------------------------|--|
| SPILLS • EXPOSURES • POISONINGS | <b>800-451-8346</b> or <b>760-602-8703</b>   |
| <b>MSDS</b>                     | INFO TO HAVE WHEN CALLING:   |
|                                 | • Product Name & Number • Manufacturer Name<br>• Manufacturer Phone Number • UPC Code          |
| MATERIAL SAFETY DATA SHEETS     | 24 HOURS A DAY 7 DAYS A WEEK 365 DAYS A YEAR   |
|                                 | 24-7-365<br><b>3E COMPANY</b><br><small>EMERGENCY INFORMATION &amp; COMPLIANCE SERVICE</small> |