

Material Safety Data Sheet
According to 91/155 EEC

Printing date 09 12 2005

Reviewed on 12 02 2004

1 Identification of substance:

Product details:

Trade name: VITA In-Ceram ALUMINA Powder

Article number: HP

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

Emergency Contact Info.

For U.S. and Canada: See last page

Tel.: ++49/(0)7761/562-0
Fax: ++49/(0)7761/562299

2 Composition/Data on components:

Chemical characterization:

Identification number(s):

EINECS Number: 2156916

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

Seek medical treatment 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:

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

Avoid formation of dust

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: 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:

1344-28-1 aluminium oxide

OES Long-term value 10*4** mg/m³

*total inhalable dust **respirable dust

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.

Do not inhale dust

Respiratory protection: Not necessary if room is well-ventilated

Protection of hands: Not required

Material of gloves -

Penetration time of glove material -

Eye protection: Not required

9 Physical and chemical properties:

General Information

Form: Powder
Colour: White
Odour: Odourless

Change in condition

Melting point/Melting range: 2050°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: 3.97 g/cm³

Bulk density at 20°C: 920 kg/m³

Solubility in / Miscibility with

Water: Insoluble
Organic solvents: 0.0%

Solids content: 100.0%

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MSDS-0660
Rev: A
10-10-06

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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 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

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
- *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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17. Emergency Contact Information 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

24-7-365
3E COMPANY
EMERGENCY INFORMATION & COMPLIANCE SERVICES