1. Identification

Product identifier

VITABLOCS

Further trade names

VITABLOCS Mark II, VITABLOCS TriLuxe forte, VITABLOCS Real Life

Product group: Zwischenprodukt

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Auxiliary for manufacture of dental products Stone, plaster, cement, glass and ceramic articles

Details of the supplier of the safety data sheet

Company name: VITA Zahnfabrik H. Rauter GmbH & Co. KG
Post-office box: 1338
79704 Bad Säckingen
Telephone: +49(0)7761-562-0
Telefax: +49(0)7761-562-299
E-mail: info@vita-zahnfabrik.com
Internet: www.vita-zahnfabrik.com

Emergency telephone number: +49-(0)7761-562-0

Further Information
medical device

2. Hazard identification

Classification of the substance or mixture

WHMIS 2015
This substance is not classified as hazardous in accordance with WHMIS 2015.

Label elements

Other hazards

No information available.

3. Composition/information on ingredients

Substances

Chemical characterization
Stone, plaster, cement, glass and ceramic articles

4. First-aid measures

Description of first aid measures

After inhalation
Provide fresh air.

After contact with skin
Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion
Rinse mouth immediately and drink plenty of water.

Most important symptoms and effects, whether acute or delayed
No information available.

Indication of immediate medical attention and special treatment needed
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media
  Co-ordinate fire-fighting measures to the fire surroundings.

Specific hazards arising from the hazardous product

- Non-flammable.

Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Avoid dust formation. Do not breathe dust.

Environmental precautions

- No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

Methods and material for containment and cleaning up

- Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

- Safe handling: see section 7
- Personal protection equipment: see section 8
- Disposal: see section 13

7. Handling and storage

Precautions for safe handling

- Advice on safe handling
  No special measures are necessary.

- Advice on protection against fire and explosion
  No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilities

- Requirements for storage rooms and vessels
  Keep container tightly closed.

- Hints on joint storage
  No special measures are necessary.

8. Exposure controls/Personal protection

Control parameters

Exposure controls

- Protective and hygiene measures
  Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

- Eye/face protection
  Wear eye protection/face protection. Dust protection eye glasses

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is
recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**
Use of protective clothing.

**Respiratory protection**
In case of inadequate ventilation wear respiratory protection. Do not breathe dust. Provide adequate ventilation as well as local exhaustion at critical locations.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

- **Physical state:** solid
- **Colour:**
- **Odour:** odourless
- **pH-Value:** not determined

### Changes in the physical state

- **Melting point:** not determined
- **Initial boiling point and boiling range:** ?
- **Flash point:** ?

### Flammability

- **Solid:** not determined
- **Gas:** not applicable

### Explosive properties

The product is not: Explosive.

- **Lower explosive limits:** not determined
- **Upper explosive limits:** not determined

### Auto-ignition temperature

- **Solid:** not determined
- **Gas:** not applicable

### Decomposition temperature: not determined

### Oxidizing properties

Not oxidising.

- **Vapour pressure:** <=1100 hPa
  (at 50 °C)
- **Density:** 2,44000 g/cm³
- **Water solubility:** No

### Solubility in other solvents

- **not determined**
- **Partition coefficient:** not determined
- **Vapour density:** not determined
- **Evaporation rate:** not determined

### Other information

- **Solid content:** 100,0 %

## 10. Stability and reactivity

### Reactivity

No hazardous reaction when handled and stored according to provisions.
**Chemical stability**

The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

none

**Incompatible materials**

No information available.

**Hazardous decomposition products**

No known hazardous decomposition products.

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### 11. Toxicological information

**Information on toxicological effects**

- **Acute toxicity**
  - Based on available data, the classification criteria are not met.

- **Irritation and corrosivity**
  - Based on available data, the classification criteria are not met.

- **Sensitizing effects**
  - Based on available data, the classification criteria are not met.

- **Carcinogenic/mutagenic/toxic effects for reproduction**
  - Based on available data, the classification criteria are not met.

- **STOT-single exposure**
  - Based on available data, the classification criteria are not met.

- **STOT-repeated exposure**
  - Based on available data, the classification criteria are not met.

- **Aspiration hazard**
  - Based on available data, the classification criteria are not met.

**Additional information on tests**

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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### 12. Ecological information

- **Ecotoxicity**
  - The product is not: Ecotoxic.

- **Persistence and degradability**
  - The product has not been tested.

- **Bioaccumulative potential**
  - The product has not been tested.

- **Mobility in soil**
  - The product has not been tested.

- **Other adverse effects**
  - No information available.

**Further information**

Avoid release to the environment.

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### 13. Disposal considerations

**Waste treatment methods**

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Disposal recommendations
Dispose of waste according to applicable legislation.

Contaminated packaging
Wash with plenty of water. Completely emptied packages can be recycled.

14. Transport information

Marine transport (IMDG)
- **UN number:** No dangerous good in sense of this transport regulation.
- **United Nations proper shipping name:** No dangerous good in sense of this transport regulation.
- **Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- **Packing group:** No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)
- **UN number:** No dangerous good in sense of this transport regulation.
- **United Nations proper shipping name:** No dangerous good in sense of this transport regulation.
- **Transport hazard class(es):** No dangerous good in sense of this transport regulation.
- **Packing group:** No dangerous good in sense of this transport regulation.

Environmental hazards
- **ENVIRONMENTALLY HAZARDOUS:** no

15. Regulatory information

Canadian regulations

16. Other information

Abbreviations and acronyms
- **ADR:** Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- **IMDG:** International Maritime Code for Dangerous Goods
- **IATA:** International Air Transport Association
- **GHS:** Globally Harmonized System of Classification and Labelling of Chemicals
- **EINECS:** European Inventory of Existing Commercial Chemical Substances
- **ELINCS:** European List of Notified Chemical Substances
- **CAS:** Chemical Abstracts Service
- **LC50:** Lethal concentration, 50%
- **LD50:** Lethal dose, 50%
- **CLP:** Classification, labelling and Packaging
- **REACH:** Registration, Evaluation and Authorization of Chemicals
- **GHS:** Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
- **UN:** United Nations
- **DNEL:** Derived No Effect Level
- **DMEL:** Derived Minimal Effect Level
- **PNEC:** Predicted No Effect Concentration
- **ATE:** Acute toxicity estimate
- **LL50:** Lethal loading, 50%
- **EL50:** Effect loading, 50%
- **EC50:** Effective Concentration 50%
- **ErC50:** Effective Concentration 50%, growth rate
- **NOEC:** No Observed Effect Concentration
Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.