

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071166404

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

070744680 071141373 071141381 071141399 071141415 071141431 071141449 071141456 071142256 071166370

071166388 071166396 071166412 071166453 071166461 071166479 071166487 071166495

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA ENAMIC Blocs, Disc

Revision date: 15.08.2023

Product code: 270

Page 1 of 7

## 1. Identification

### Product identifier

VITA ENAMIC Blocs, Disc

### Further trade names

VITA ENAMIC, VITA ENAMIC multiColor

### Recommended use of the chemical and restrictions on use

#### Use of the substance/mixture

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

### Details of the supplier of the safety data sheet

Company name: VITA Zahnfabrik H.Rauter GmbH &amp; Co.KG

Street: Spitalgasse 3

Place: D-79713 Bad Säckingen

Post-office box: 1338

D-79704 Bad Säckingen

Telephone: +49(0)7761-562-0

Telefax: +49(0)7761-562-299

E-mail: info@vita-zahnfabrik.com

Contact person: regulatory affairs

E-mail: info@vita-zahnfabrik.com

Internet: www.vita-zahnfabrik.com

Responsible Department: Regulatory Affairs

### Further Information

medical device

## 2. Hazard(s) identification

### Classification of the chemical

#### 29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

### Label elements

### Hazards not otherwise classified

No information available.

## 3. Composition/information on ingredients

### Mixtures

#### Chemical characterization

Stone, plaster, cement, glass and ceramic articles

#### Hazardous components

none (according to 29 CFR 1910.1200(g))

## 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.

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA ENAMIC Blocs, Disc

Revision date: 15.08.2023

Product code: 270

Page 2 of 7

**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, both acute and delayed**

No information available.

**Indication of any 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 chemical**

Non-flammable.

**Special protective equipment and precautions for fire-fighters**

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

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures****General advice**

Avoid dust formation. Do not breathe dust.

**Environmental precautions**

Do not allow to enter into surface water or drains.

**Methods and material for containment and cleaning up****Other information**

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 (PPE): 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.

**Advice on general occupational hygiene**

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

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA ENAMIC Blocs, Disc

Revision date: 15.08.2023

Product code: 270

Page 3 of 7

#### Hints on joint storage

No special measures are necessary.

### 8. Exposure controls/personal protection

#### Control parameters

#### Exposure controls

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye/face protection.

##### 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 exhaust at critical locations.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state:	solid	
Color:		
Odor:	odorless	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		?
Flammability:		not determined
		not applicable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		?
Decomposition temperature:		not determined
pH-Value:		not determined
Water solubility:		No
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:		not determined
Vapor pressure:		<=1100 hPa
(at 50 °C)		
Density:		2,00000 g/cm <sup>3</sup>
Relative vapour density:		not determined

#### Other information

#### Information with regard to physical hazard classes

##### Explosive properties

The product is not: Explosive.

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA ENAMIC Blocs, Disc

Revision date: 15.08.2023

Product code: 270

Page 4 of 7

Self-ignition temperature

Solid:

not determined

Gas:

not applicable

Oxidizing properties

Not oxidising.

#### Other safety characteristics

Evaporation rate:

not determined

Solid content:

0,0 %

## 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.

## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

#### 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.

#### Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met.

Carcinogenicity (OSHA):

No ingredient of this mixture is listed.

Carcinogenicity (IARC):

No ingredient of this mixture is listed.

Carcinogenicity (NTP):

No ingredient of this mixture is listed.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Additional information on tests

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

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA ENAMIC Blocs, Disc

Revision date: 15.08.2023

Product code: 270

Page 5 of 7

## 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.

### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### Other adverse effects

No information available.

### Further information

Avoid release to the environment.

## 13. Disposal considerations

### Waste treatment methods

#### **Disposal recommendations**

Do not allow to enter into surface water or drains. 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 or ID number:

No dangerous good in sense of this transport regulation.

#### UN 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 or ID number:

No dangerous good in sense of this transport regulation.

#### UN 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

### Special precautions for user

No information available.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## 15. Regulatory information

### U.S. Regulations

### State Regulations

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA ENAMIC Blocs, Disc

Revision date: 15.08.2023

Product code: 270

Page 6 of 7

#### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

### 16. Other information

#### Changes

Revision date: 15.08.2023

Revision No: 5

This data sheet contains changes from the previous version in section(s): 1.

#### 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  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

#### Other data

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.



**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**VITA ENAMIC Blocs, Disc**

Revision date: 15.08.2023

Product code: 270

Page 7 of 7

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*