

## **SAFETY DATA SHEETS**

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

077076748

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

077076656 077076664 077076672 077076680 077076730 077076755 077076763

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 28.08.2008

Revision: 21.08.2007

**1 Identification of substance:**

· **Product details:**

· **Trade name:** VITA CAD-Temp

· **Article number:** EC4. **Vident Part Number:** See Section 17

· **Application of the substance / product** Manufacture of dental prothesis

· **Manufacturer/Supplier:**

VITA Zahnfabrik

H. Rauter GmbH & Co. KG

Postfach 1338

D 79704 Bad Säckingen

e-mail: [info@vita-zahnfabrik.com](mailto:info@vita-zahnfabrik.com)

· **Information in case of emergency:** Tel.: ++49-(0)7761-562-0

See last page for emergency contact

information for the US and Canada

Distributed By: Vident

3150 E. Birch St.

Brea, CA 92821

Phone: 714-961-6200

Fax: 714-961-6299

Tel.: 07761/562-0

Fax: 07761/562299

**2 Hazards identification**

· **Hazard description:** not applicable

· **Information concerning to particular hazards to man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**3 Composition/information on ingredients**

· **Chemical characterization**

· **Description:** Preparation containing modified polymethacrylates, SiO<sub>2</sub> and pigments.

· **Dangerous components:** Void

· **Additional information** For the wording of the listed risk phrases refer to section 16.

**4 First aid measures**

· **General information** No special measures required.

· **After inhalation** Supply fresh air; consult doctor in case of complaints.

· **After skin contact** Generally the product does not irritate the skin.

· **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**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **Protective equipment:** No special measures required.

**6 Accidental release measures**

· **Person-related safety precautions:** Not required.

· **Measures for environmental protection:** Do not allow product to reach sewage system or any water course.

· **Measures for cleaning/collecting:** Pick up mechanically.

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# Safety Data Sheet

according to 1907/2006/EC, Article 31

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Trade name: VITA CAD-Temp

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· **Additional information:** No dangerous substances are released.

## 7 Handling and storage

- **Handling**
- **Information for safe handling:** Prevent formation of dust.
- **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:** Use ventilation hood
- **Protection of hands:** Not required.
- **Material of gloves -**
- **Penetration time of glove material -**
- **Eye protection:** Not required.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Solid.
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Odourless

### · Change in condition

<b>Melting point/Melting range:</b>	undetermined
<b>Boiling point/Boiling range:</b>	undetermined

<b>Flash point:</b>	Not determined
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<b>Self-igniting:</b>	Product is not selfigniting.
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<b>Danger of explosion:</b>	Product does not present an explosion hazard.
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<b>Density at 20°C:</b>	1.28000 g/cm <sup>3</sup>
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<b>Solubility in / Miscibility with Water:</b>	Insoluble
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<b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %

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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:**

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.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**12 Ecological information:**

- **General notes:**

At present there are no ecotoxicological assessments.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it 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.

**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.

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· National regulations

· Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

**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. Product Identification/Vident Part Numbers****Vident Product**

Name: VITA YZ (Shaded and Non-Shaded)

**Vident Part**

<b>Numbers:</b>	V59-002	V59-4205	V59-4441	V59-4651
	V59-1401	V59-4220	V59-4443	V59-4653
	V59-1801	V59-4225	V59-4444	V59-4661
	V59-2001	V59-4240	V59-4245	V59-4671
	V59-205	V59-4241	V59-4491	V59-4675
	V59-225	V59-4242	V59-4492	V59-491
	V59-291	V59-4243	V59-4293	V59-492
	V59-292	V59-4244	V59-4540	V59-540
	V59-4003	V59-4291	V59-4541	V59-541
	V59-402	V59-4292	V59-4551	V59-551
	V59-410	V59-4402	V59-4554	V59-554
	V59-4141	V59-4410	V59-4640	V60-551
	V59-4142	V59-4440	V59-4641	

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**  
**SE COMPANY**  
EHS Information & Compliance Services

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA CAD-Temp Blocs, Discs

Revision date: 27.02.2017

Product code: 185-US

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#### 1. Identification

##### Product identifier

VITA CAD-Temp Blocs, Discs

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

###### Use of the substance/mixture

Auxiliary for manufacture of dental products Plastic articles

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

Company name: VITA Zahnfabrik H. Rauter GmbH &amp; 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 phone number:** +49-(0)761-19240

##### 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

Plastic 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, both acute and delayed

No information available.

##### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### 5. Fire-fighting measures

## Safety Data Sheet

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### VITA CAD-Temp Blocs, Discs

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#### 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.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Avoid generation of dust. Do not breathe dust.

#### Environmental precautions

No special environmental measures are necessary. Clean contaminated objects and areas thoroughly observing environmental regulations.

#### 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.

##### **Advice on storage compatibility**

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 or drink.

##### **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**

Wear suitable protective clothing.

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#### Respiratory protection

Do not breathe dust.

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state: solid  
Color:  
Odor: odourless

#### Test method

pH-Value: not determined

#### Changes in the physical state

Melting point/freezing point: not determined  
Initial boiling point and boiling range: X  
Flash point: ?

#### Flammability

Solid: not determined  
Gas: not applicable  
Lower explosion limits: not determined  
Upper explosion limits: not determined

#### Auto-ignition temperature

Solid: not determined  
Gas: not applicable  
Decomposition temperature: not determined

#### Oxidizing properties

Not oxidizing.  
Vapor pressure:  $\leq 1100$  hPa  
(at 50 °C)  
Density: 1,28000 g/cm<sup>3</sup>  
Water solubility: No

#### Solubility in other solvents

not determined  
Partition coefficient: not determined  
Vapor 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.



## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### VITA CAD-Temp Blocs, Discs

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#### 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.

##### **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**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

## 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.

## 13. Disposal considerations

#### Waste treatment methods

##### **Advice on disposal**

Dispose of waste according to applicable legislation. Waste codes/waste designations according to EWC/AVV

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#### Contaminated packaging

Waste codes/waste designations according to EWC/AVV

### 14. Transport information

#### Marine transport (IMDG)

<u>UN number:</u>	No dangerous good in sense of this transport regulation.
<u>UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>Packing group:</u>	No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

<u>UN number:</u>	No dangerous good in sense of this transport regulation.
<u>UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>Packing group:</u>	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

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

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

### 16. Other information

Revision date: 27.02.2017

Revision No: 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%

#### Other data

The information is based on present level of our knowledge. It does not, however, give assurances 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

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