

# Safety Data Sheet

## according to 91/155/EEC

### 1. Product identification/preparation/company undertaking

Trade name: **R-SI-LINE METAL-BITE**

Order-No.: **MBK1074**

Manufacturer: R-dental Dentalerzeugnisse GmbH  
Winterhuder Weg 88  
D-222085 HAMBURG  
Germany

Emergency information:  
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### 2. Composition/information of ingredients

Chemical characterization: Mixture of vinyl polysiloxanes,  
hydrogen-poly-dimethylsiloxanes, pigments, silica.

Description: -

Hazardous components: -

CAS-No.: -

Name: -

%: -

R-classification:-

### 3. Hazards identification

Risk identification: -

Special risks for human beings and environment: -

Classification: Classification corresponds to present EEC guidelines,  
additionally information by literature.

### 4. First-aid measures

General information after skin contact: Wash with plenty of water and soap

General information after eye contact: Rinse with plenty of water and  
consult a physician.

General information after swallowing: Seek medical advice immediately.

### 5. Fire fighting measures

Extinguishing media: CO<sub>2</sub>, water.

Protective equipment: -

## 6. Accidental release measures

Personal precautions: Not necessary

Environmental precautions: Do not let material come into contact with the environment in a not cured state.

Methods for cleaning up not cured material: Pick up the material.

Methods for cleaning up cured material: Treat it like plastic disposal.

## 7. Handling and storage

Handling procedures: None by correct handling.

Recommendation for fire and explosion protection: -

Storage: Store at dry place, at room temperature, away from food stuffs.

Requirements at store rooms and containers: Store dry at room temperature.

Requirements for storage with other products: Avoid contact with acids, bases, alcohols.

Additional storage conditions: -

Storage classification: -

VBF-classification: -

## 8. Exposure controls/personal protection

Additional information for technical plants: -

Components with limits of value to be supervised at the workplace

CAS-No.: -

Name: -

%: -

Art: -

Value: -

Unit: -

Additional information: There are no relevant quantities with limits of values to be supervised at the workplace.

Personal protective equipment: Not necessary

General measures of protection and hygiene: Avoid contact with eyes, normal hygienic measures.

Respiration: Not necessary.

Hands: Carefully handling.

Eyes: Carefully handling.

## 9. Physical and chemical properties

Appearance

Form: Paste

Colour: Grey

Odour: Odourless

Information on change in the physical state (Value, unit, method)

Melting point/melting range: -

Boiling point/boiling range: -

Flash point: -

Autoignition temperature: -

Danger of explosion: -

Density: 1,60 g/cm<sup>3</sup> (68 °F)

Vapour pressure: -

Viscosity: Heavy viscosity.

pH: Neutral.

Solubility in/miscibility with: A little bit soluble in toluene and petrolether.

Water solubility: Not soluble.

Content of solvents: None.

Organic solvents: -

Water: Insoluble

Content of solids: -

## **10. Stability and reactivity**

Stability and reactivity: Stable.

Incompatibility with other substances: Small evaluation of hydrogen traces with acids, bases, alcohols, powdered metals and metal oxides.

Hazardous decomposition products: None by right use.

## **11. Toxicological information (estimated)**

Acute toxicity: Non toxic, no absorption.

Primary irritation skin: Irritating (species rabbit).

Eye: Irritating.

Inhalation: Non volatile.

Ingestion: Possible toxic when swallowed.

Sensitization of product: Not observed.

Additional toxicological information: During the long period of use as impression material no health diseases are reported.

## **12. Ecological information**

### General information

Degrance: Not determined

Fish toxicity: Not determined

Classification of water endangerment: Not determined

Additional information: Do not let the not cured product come into contact with the environment

## **13. Disposal consideration**

Recommendation: Not cured material use proper landfill disposal in accordance with local, state and federal regulations.

Disposal key number: -  
Uncleaned packaging: -

#### **14. Transport information**

Transport information: Not classified as dangerous goods. Keep away from stuff, acids and bases.  
Land transport RID/ADR, GGVS/GGVE: Not necessary.  
Ship transport ADN/ADNR: Not necessary.  
Sea transport IMDG/GGVSea: Not necessary.  
Air transport ICAO-TI and IATA-DGR: Not necessary.

#### **15. Regulatory information**

Classification according to EEC-guidelines and to GEFStoffV/EG:

No classification necessary to actual EEC guidelines  
Danger symbols: -  
Danger (R-symbols): -  
Security (S-symbols): -  
National prescriptions: -

#### **16. Other informations**

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to product properties. However users of the product should satisfy themselves that the information given above is sufficient and correct for their circumstances of use.

Prepared by: Dr. Andreas Sprafke, R-dental GmbH.