

# Safety Data Sheet

## according to 91/155/EEC

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

Trade name: **FANTESTIC FLOWFILL**  
Order-No.: **FFS32XX (depends on shade)**

Manufacturer: R-dental Dentalerzeugnisse GmbH  
Winterhuder Weg 88  
D-22085 Hamburg  
Germany

Emergency information:  
Dr. Andreas Sprafke  
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### 2. Composition/information of ingredients

Chemical characterization: Mixture of dimethacrylates, barium glass filler, fumed silica, initiator, catalyst, stabilizer and pigments.

Hazardous components: -

### 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 inhalation: -  
General information after skin contact: Wash with plenty of water and soap.  
General information after eye contact: Rinse with plenty of water and consult an eye 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: -  
Environmental precautions: Do not let liquid material come into contact with

the environment.

Methods for cleaning up liquid material: Pick up the material.

## 7. Handling and storage

Handling procedures: This product should only be used by a dentist or a licensed professional.

Recommendation for fire and explosion protection:

No procedures, if correctly handled.

Storage: Protect from light, store in dry place and cool.

Requirements for storage with other products: Keep away from food stuffs.

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:

Additional information: The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Personal protective equipment: -

General measures of protection and hygiene: Normal hygienic handling.

Respiration: -

Hands: -

Eyes: -

## 9. Physical and chemical properties

Appearance

Form: Flowable paste.

Colour: Tooth shades.

Odour: Odourless.

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

Melting point/melting range: -

Boiling point/boiling range: -

Flash point: -

Autoignation temperature: -

Danger of explosion: -

Density: 1,50 g/cm<sup>3</sup> (68 °F)

Vapour pressure: -

Viscosity: Flowable paste.

pH: Neutral.

Solubility in/miscibility with: Slightly soluble in toluene.

Water solubility: Not soluble.

Content of solvents: -

Organic solvents: -  
Water: -  
Content of solids: -

## 10. Stability and reactivity

Stability and reactivity: Avoid heat and direct sunlight. Stable by proper use.  
Incompatibility with other substances: Avoid contact with metal powders, peroxides, strong oxidizers, free radical initiators.

## 11. Toxicological information

Allergic reaction to methacrylates by chronic exposure to product are possible.

Acute toxicity: -  
Primary irritation skin: Irritating (Xi).  
Eye: Irritating.  
Inhalation: Non volatile.  
Ingestion: Toxic when swallowed.  
Sensitization of product: Not observed.  
Additional toxicological information: During a long period of use as filling materials no health diseases are reported.

## 12. Ecological information

### General information:

Degrance: Not determined  
Fish toxicity: Not determined  
Classification of water endangerment: -  
Additional information: -

## 13. Disposal consideration

Recommendation: Use proper landfill disposal or incineration in accordance with local, state and federal regulations.  
Disposal key number: -  
Uncleaned packaging: -

## 14. Transport information

Transport information: Not classified as dangerous goods.  
Land transport RID/ADR, GGVS/GGVE: Not classified as dangerous goods.  
Sea transport IMDG/GGVSea: Not classified as dangerous goods.  
Air transport ICAO-TI and IATA-DGR: Not classified as dangerous goods.

## 15. Regulatory information

### Classification according to EEC-guidelines

According to GEFStoffV/EG: -  
Danger (R-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.