

## Material Safety Data Sheet acc. to OSHA HCS

Printing date 01/10/2014

Reviewed on 01/10/2014

### 1 Identification

#### · Product identifier

· Trade name: **Flexitime (base + cat)**

· -

Easy Putty, Heavy Tray, Monophase, Correct Flow,  
Dynamix Putty, Dynamix Heavy Tray, Dynamix Monophase

· **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.

· **Application of the substance / the preparation** Dental impression material

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

##### · Manufacturer/Supplier:

Heraeus Kulzer GmbH  
Grüner Weg 11, D-63450 Hanau

Tel.: 0800 4372522

##### · Information department:

Marc Henn  
Tel. +1 (574) 2995444 / Fax: +1 (574) 2912542  
e-mail: marc.henn@kulzer-dental.com

##### · Emergency telephone number:

Emergency CONTACT (24-Hour-Number)  
GBK/Infotrac ID 105860: (domestic) 1 800 535 5053 or international (001) 352 323 3500

### 2 Hazard(s) identification

#### · Classification of the substance or mixture

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable

##### · Classification system:

The classification was made according to the latest editions of the EU-lists, and expanded upon from company and literature data.

#### · Label elements

##### · Labelling according to EU guidelines:

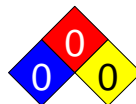
Observe the general safety regulations when handling chemicals

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

#### · Classification system

##### · NFPA ratings for USA (scale 0-4)



Health = 0  
Fire = 0  
Reactivity = 0

##### · HMIS-Ratings (Scale 0-4)



Health = 0  
Fire = 0  
Reactivity = 0

#### · Other hazards -

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## 3 Composition/information on ingredients

### Chemical characterization: Mixtures

#### Description:

2-component silicone impression material comprising base paste and matching catalyst paste for addition curing

#### Dangerous components:

1317-65-3 Calciumcarbonat, nat., gem.

5-10%

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

## 4 First-aid measures

### Description of first aid measures

General information No special measures required.

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

Rinse out mouth and then drink plenty of water.

Seek immediate medical advice.

#### Information for doctor

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5 Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing agents

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available.

#### Advice for firefighters

Protective equipment: No special measures required.

Additional information -

## 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions: No special measures required.

#### Methods and material for containment and cleaning up:

Absorb with liquid binding material (diatomite, universal binders, for small amounts tissues).

#### Reference to other sections

See Section 13 for disposal information.

See Section 8 for information on personal protection equipment.

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## 7 Handling and storage

### Handling

Precautions for safe handling No special measures required.

Information about protection against explosions and fires: No special measures required.

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- **Conditions for safe storage, including any incompatibilities**
  - **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.
  - **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

**1317-65-3 Calciumcarbonat, nat., gem.**

PEL ()	15*; 5** mg/m <sup>3</sup> *Total dust **Respirable fraction
REL ()	10*; 5** mg/m <sup>3</sup> *Total dust **Respirable fraction
TLV ()	10 mg/m <sup>3</sup> (e)

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
  - **Personal protective equipment**
    - **General protective and hygienic measures**  
The usual precautionary measures for handling chemicals should be followed.
    - **Breathing equipment:** Not required.
    - **Protection of hands:** Not required.
      - **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
      - **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
      - **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**  
PVC or PE gloves
    - **Eye protection:** Not absolutely necessary.
    - **Body protection:** Light weight protective clothing

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
      - **Form:** Pasty
      - **Color:** According to product specification
      - **Odor:** Odorless
  - **Change in condition**
    - **Melting point/Melting range:** undetermined
    - **Boiling point/Boiling range:** undetermined
  - **Flash point:** Not applicable

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· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Density at 20 °C (68 °F):</b>	1.6 g/cm <sup>3</sup> (13.352 lbs/gal)
· <b>Solubility in / Miscibility with</b>	
· <b>Water:</b>	Not miscible or difficult to mix
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Information on toxicological effects**
  - **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 according to our experience and the information provided to us.
- **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	1
· <b>NTP (National Toxicology Program)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	K

## 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
  - **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects** No further relevant information available.

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**13 Disposal considerations**

· **Waste treatment methods**

· **Recommendation**

Small quantities can be polymerized with the matching system component(s) and the cured solid material can be disposed of with the regular garbage. Larger quantities must be disposed of following the regulations of the local authorities.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

· **UN-Number**

· DOT, ADR, ADN, IMDG, IATA      Void

· **UN proper shipping name**

· DOT, ADR, ADN, IMDG, IATA      Void

· **Transport hazard class(es)**

· DOT, ADR, ADN, IMDG, IATA      Void  
· Class

· **Packing group**

· DOT, ADR, IMDG, IATA      Void

· **Environmental hazards:**

· **Marine pollutant:**      No

· **Special precautions for user**      Not applicable.

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**      Not applicable.

· **Transport/Additional information:**      -

**15 Regulatory information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **SARA Section 355 (extremely hazardous substances)**

None of the ingredients is listed.

· **Carcinogenity categories**

· **TLV (Threshold Limit Value established by ACGIH)**

14808-60-7    Quartz (SiO<sub>2</sub>)

A2

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

**16 Other information**

These data are based on our present knowledge. However, they 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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