

**Safety Data Sheet**  
**acc. to OSHA HCS**

Printing date 12/10/2015

Reviewed on 12/10/2015

**1 Identification**· **Product identifier**· **Trade name:** **Flexitime Xtreme 2 Heavy Tray / Dynamix Heavy Tray / Correct Flow**· **Application of the substance / the mixture** 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:**Tel. +1 (800) 431-1785 Fax: +1 (800) 522-1545  
e-mail: customer.servicehkna@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**

Flam. Liq. 4 H227 Combustible liquid.

· **Label elements**· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms** Void· **Signal word** Warning· **Hazard statements**

Combustible liquid.

· **Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.

Wear protective gloves / eye protection / face protection.

In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system**· **NFPA ratings for USA (scale 0-4)**Health = 0  
Fire = 2  
Reactivity = 0· **HMIS-Ratings (Scale 0-4)**Health = 0  
Fire = 2  
Reactivity = 0· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

USA

(Contd. on page 2)

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(Contd. of page 1)

### 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:**

|            |                                                                                                    |        |
|------------|----------------------------------------------------------------------------------------------------|--------|
| 68037-59-2 | Methylhydrogensiloxandimethylsiloxan-Copolymer<br>Flam. Liq. 4, H227                               | 10-25% |
| 27306-78-1 | modified heptamethyltrisiloxane with polyalkylene oxide<br>Acute Tox. 4, H332; Eye Irrit. 2A, H319 | 0-5%   |

### 4 First-aid measures

· **Description of first aid measures**

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

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

· **After skin contact** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact** Rinse opened eye for several minutes under running water.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

· **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**

CO<sub>2</sub>, 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:** Pick up mechanically.

· **Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

(Contd. on page 3)

USA

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(Contd. of page 2)

**7 Handling and storage**

- **Handling**
  - **Precautions for safe handling** No special measures required.
  - **Information about protection against explosions and fires:** No special measures required.
- **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:**  
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 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:** recommended
      - **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:**  
Butyl rubber, BR  
Nitrile rubber, NBR  
Fluorocarbon rubber (Viton)  
Chloroprene rubber, CR
    - **Eye protection:** Protective goggles are recommended.
    - **Body protection:** Light weight protective clothing

**9 Physical and chemical properties**

- **Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
    - **Form:** Pasty

(Contd. on page 4)

USA

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(Contd. of page 3)

|                                                   |                                                         |
|---------------------------------------------------|---------------------------------------------------------|
| · <b>Color:</b>                                   | Different according to coloring                         |
| · <b>Odor:</b>                                    | Fruit-like                                              |
| · <b>Odour threshold:</b>                         | Not determined.                                         |
| · <b>pH-value:</b>                                | Not determined.                                         |
| · <b>Change in condition</b>                      |                                                         |
| · <b>Melting point/Melting range:</b>             | undetermined                                            |
| · <b>Boiling point/Boiling range:</b>             | undetermined                                            |
| · <b>Flash point:</b>                             | Not applicable                                          |
| · <b>Flammability (solid, gaseous)</b>            | Not applicable.                                         |
| · <b>Ignition temperature:</b>                    |                                                         |
| · <b>Decomposition temperature:</b>               | Not determined.                                         |
| · <b>Auto igniting:</b>                           | Product is not selfigniting.                            |
| · <b>Danger of explosion:</b>                     | Product does not present an explosion hazard.           |
| · <b>Explosion limits:</b>                        |                                                         |
| · <b>Lower:</b>                                   | Not determined.                                         |
| · <b>Upper:</b>                                   | Not determined.                                         |
| · <b>Vapor pressure:</b>                          | Not determined.                                         |
| · <b>Density at 20 °C (68 °F):</b>                | 1,24 - 1,56 g/cm <sup>3</sup> (10.348 - 13.018 lbs/gal) |
| · <b>Relative density</b>                         | Not determined.                                         |
| · <b>Vapour density</b>                           | Not determined.                                         |
| · <b>Evaporation rate</b>                         | Not determined.                                         |
| · <b>Solubility in / Miscibility with</b>         |                                                         |
| · <b>Water:</b>                                   | Not miscible or difficult to mix                        |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                                         |
| · <b>Viscosity:</b>                               |                                                         |
| · <b>dynamic:</b>                                 | Not determined.                                         |
| · <b>kinematic at 20 °C (68 °F):</b>              | 24 - 125 Pa s                                           |
| · <b>Other information</b>                        | No further relevant information available.              |

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **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
- **Additional information:** -

USA

(Contd. on page 5)

## Safety Data Sheet acc. to OSHA HCS

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Reviewed on 12/10/2015

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(Contd. of page 4)

### 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **Primary irritant effect:**

- **on the skin:** Based on available data, the classification criteria are not met.

- **on the eye:** Based on available data, the classification criteria are not met.

- **Sensitization:** Based on available data, the classification criteria are not met.

- **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**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

### 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 product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation** Smaller quantities can be disposed of with household waste.

(Contd. on page 6)

USA

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(Contd. of page 5)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

|                                                                                  |                 |
|----------------------------------------------------------------------------------|-----------------|
| · <b>UN-Number</b>                                                               |                 |
| · DOT, ADR, ADN, IMDG, IATA                                                      | Void            |
| · <b>UN proper shipping name</b>                                                 |                 |
| · DOT, ADR, ADN, IMDG, IATA                                                      | Void            |
| · <b>Transport hazard class(es)</b>                                              |                 |
| · DOT, ADR, ADN, IMDG, IATA                                                      |                 |
| · Class                                                                          | Void            |
| · <b>Packing group</b>                                                           |                 |
| · DOT, ADR, IMDG, IATA                                                           | Void            |
| · <b>Environmental hazards:</b>                                                  |                 |
| · Marine pollutant:                                                              | No              |
| · <b>Special precautions for user</b>                                            | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| · <b>Transport/Additional information:</b>                                       | -               |
| · <b>UN "Model Regulation":</b>                                                  | Void            |

## 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.

### · TSCA (Toxic Substances Control Act)

None of the ingredients is listed.

Medical devices are exempted from TSCA.

### · Cancerogenity categories

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

None of the ingredients is listed.

### · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

### · Hazard pictograms

Void

### · Signal word

Warning

### · Hazard statements

Combustible liquid.

### · Precautionary statements

Keep away from flames and hot surfaces. – No smoking.

(Contd. on page 7)

USA

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(Contd. of page 6)

*Wear protective gloves / eye protection / face protection.*

*In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.*

*Store in a well-ventilated place. Keep cool.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 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.*

· **Relevant phrases**

*H227 Combustible liquid.*

*H319 Causes serious eye irritation.*

*H332 Harmful if inhaled.*

· **Date of preparation / last revision** 12/10/2015 / -

· **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*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 4: Flammable liquids, Hazard Category 4*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A*

· **\* Data compared to the previous version altered.**

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