SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Further trade names

Panasil putty
Panasil putty soft
Panasil putty fast set

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Very high viscosity, addition-curing, elastomeric precision preliminary impression material based on polyvinyl siloxane. For dental use.

1.3. Details of the supplier of the safety data sheet

Company name: Kettenbach GmbH & Co. KG
Street: Im Heerfeld 7
Place: D-35713 Eschenburg
Telephone: +49 (0) 2774/705-0
Fax: +49 (0) 2774/705-66
E-mail: info@kettenbach.com
Contact person: Regulatory Affairs Manager
Internet: www.kettenbach.com
Responsible Department: Regulatory Affairs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Additional advice on labelling

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

2.3. Other hazards

No risks worthy of mention.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Preparation of silicone polymers and fillers with platinum-catalyst (ppm-range).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Symptoms: No known symptoms to date.

After inhalation

not applicable

After contact with skin

In general the product is not skin irritative.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms,
consult an ophthalmologist.

**After ingestion**
Seek medical attention if problems persist.

### SECTION 5: Firefighting measures

**5.1. Extinguishing media**

Suitable extinguishing media
- Water fog
- Foam
- Carbon dioxide (CO2)

**5.3. Advice for firefighters**
Co-ordinate fire-fighting measures to the fire surroundings.

### SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**
Not required.

**6.2. Environmental precautions**
Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**
Take up mechanically.

**6.4. Reference to other sections**
No release of hazardous substances.

### SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling**
No special precautionary measures are necessary.

**Advice on protection against fire and explosion**
No special precautionary measures are necessary.

**Further information on handling**
No special precautionary measures are necessary.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**
No special requirements.

**Advice on storage compatibility**
Not required.

**Further information on storage conditions**
No special requirements.

### SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**8.2. Exposure controls**

**Appropriate engineering controls**
Not applicable

**Protective and hygiene measures**
The usual precautions when handling chemicals have to be obtained.
Avoid contact with skin, eyes and clothes.

**Eye/face protection**
Not required.
Hand protection
Single-use gloves.
Suitable material: PE (polyethylene).
Unsuitable material: NR (Natural rubber (Caoutchouc), Natural latex).
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
Not required.

Respiratory protection
With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls
Not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Paste</td>
</tr>
<tr>
<td>Colour</td>
<td>Catalyst: white. Base: yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>odourless</td>
</tr>
<tr>
<td>pH-Value</td>
<td>neutral</td>
</tr>
<tr>
<td>Changes in the physical state</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>not Explosive.</td>
</tr>
<tr>
<td>Density (at 20 °C)</td>
<td>1.5 - 1.6 g/cm³</td>
</tr>
<tr>
<td>Water solubility</td>
<td>insoluble</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.4. Conditions to avoid
None by intended use.

10.5. Incompatible materials
None by intended use.

10.6. Hazardous decomposition products
None by intended use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Acute toxicity, oral LD50: > 2000 mg/kg Rat

Irritation and corrosivity
Irritant effect on the skin: Not an irritant.
Irritant effect on the eye: Not an irritant.

Sensitising effects
no danger of sensitization.

SECTION 12: Ecological information

12.1. Toxicity
Further information

Do not allow to enter into surface water or drains.
1 (slightly hazardous to water (WGK 1))

Doesn't get into the sewage water as long as the process is carried out according to regulations.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Remove according to the regulations.

Additional information:

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information

Other applicable information

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Changes

Update 2018-05-17

Further Information

@N16.P0000001
@N16.P0000002

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