

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Panasil binetics

Print date: 20.04.2015

Product code: 001151

Page 1 of 4

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

1.1. Product identifier

Panasil binetics

Further trade names

Panasil binetics putty fast

Panasil binetics putty soft

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	Telefax: +49 (0)2774/705-87
e-mail:	info@kettenbach.de	
Contact person:	Regulatory Affairs Manager	Telephone: +49 (0)2774/705-0
Internet:	www.kettenbach.de	
Responsible Department:	Regulatory Affairs	

1.4. Emergency telephone number: +49 (0)30 30686790 (English/German)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Directive 1999/45/EC.

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

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Panasil binetics

Print date: 20.04.2015

Product code: 001151

Page 2 of 4

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

Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Not required.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Collect 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, eye and clothing.

Eye/face protection

Not required.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Panasil binetics

Print date: 20.04.2015

Product code: 001151

Page 3 of 4

Hand protection

Single-use gloves.
Suitable material: PE (polyethylene).
Unsuitable materials: NR (Natural rubber (Caoutchouc), Natural latex).
In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the 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

Physical state:	Paste	
Colour:	Panasil binetics putty fast: Base:green. Catalyst: light blue. binetics putty soft: Base: yellow. Catalyst:light blue.	Panasil
Odour:	odourless	

Test method

pH-Value:	neutral
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Changes in the physical state

Melting point:	not applicable
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Initial boiling point and boiling range:	not applicable
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Explosive properties

not Explosive. Panasil binetics putty fast: Base:green. Catalyst: light blue.

Density (at 20 °C):	ca. 1,4 - 1,6 g/cm ³
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Water solubility:	insoluble
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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.

Further information

Please pay attention to the Directions for 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.

Safety Data Sheet

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Panasil binetics

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Product code: 001151

Page 4 of 4

Sensitising effects

no danger of sensitization.

SECTION 12: Ecological information

12.1. Toxicity

product has not been tested.

Further information

Do not empty into drains or the aquatic environment.

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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:

Waste disposal number of waste from residues/unused products

070217 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes containing silicones other than those mentioned in 07 02 16

Waste disposal number of used product

200399 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; municipal wastes not otherwise specified

Contaminated packaging

Completely emptied packings can be re-cycled.

SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to these transportation 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

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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