

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: Giroform Putty

Article-No.: 576461 / 576465

Revision date:

Version: /en

Print date: 28.04.2014



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

1.1 Product identifier

Commercial Product Name **Giroform Putty**

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

Relevant identified uses Resources for dental technology

1.3 Details of the supplier of the safety data sheet

Company designation Amann Girrbaach AG
Herrschaftswiesen 1
A-6842 Koblach
Telephone: 0043 5523 623330
FAX: 0043 5523 55990
Email: austria@amanngirrbaach.com
Internet: www.amanngirrbaach.com

Marketer Amann Girrbaach GmbH
Duerrenweg 40
D-75177 Pforzheim
Telephone: 0049 7231 957100
FAX: 0049 7231 957129
Email: germany@amanngirrbaach.com
Internet: www.amanngirrbaach.com

1.4 Emergency telephone number

Emergency telephone number +49 (0) 7231 957100
Only available during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive This preparation is not classified as dangerous according to 1999/45/EC.
67/548/EEC / 1999/45/EEC

2.2 Label elements

2.3 Other hazards

Particular information pertaining None known until now.
specific risk for human / environ-
ment

SECTION 3: Composition/information on ingredients

Chemical characterization Description:
Contains: Polydimethylsiloxane + filling materials and coloured pigment.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice In case of accident or unwellness, seek medical advice immediately (show di-
rections for use or safety data sheet if possible).
First aider: Pay attention to self-protection!
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| | |
|-------------------------|---|
| If inhaled | Provide fresh air. |
| In case of skin contact | Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleansing agent and water. If skin irritation or rash occurs: Get medical advice/attention. |
| In case of eye contact | In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist. |
| If swallowed | Rinse mouth immediately and drink plenty of water. Get medical advice/attention if you feel unwell. Do not induce vomiting. |

SECTION 5: Firefighting measures

5.1 Extinguishing media

| | |
|------------------------------|---|
| Suitable extinguishing media | Water mist Foam. Carbon dioxide. Dry extinguishing powder. |
|------------------------------|---|

| | |
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| Extinguishing media which must not be used for safety reasons | High power water jet. |
|---|-----------------------|

5.3 Advice for firefighters

| | |
|---|---|
| Special protective equipment for firefighting | In case of fire: Wear self-contained breathing apparatus. |
|---|---|

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

| | |
|----------------------|---|
| Personal precautions | Special danger of slipping by leaking/spilling product. |
|----------------------|---|

6.2 Environmental precautions

| | |
|---------------------------|--|
| Environmental precautions | Do not allow to enter into surface water or drains. Dispose according to legislation. |
|---------------------------|--|

6.3 Methods and material for containment and cleaning up

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|-------------------------|--|
| Methods for cleaning up | Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Disposal: Refer to chapter 13. |
|-------------------------|--|

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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|---|---|
| Advice on safe handling | Please observe the usual precautions applicable to the handling of chemicals. When using do not eat, drink or smoke. |
| Advice on protection against fire and explosion | Usual measures for fire prevention. |

7.2 Conditions for safe storage, including any incompatibilities

| | |
|--|---|
| Storage space and container requirements | Keep container tightly closed. Store in a cool dry place. Keep only in the original container. Keep away from: Food and fodder |
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| | |
|---------------------------------|--|
| | Ensure adequate ventilation of the storage area. |
| Hints on storage assembly | None known until now. |
| Storage specifications | Protect from moisture. |
| Recommended storage temperature | Maximum storage temperature: 25° C |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

| | |
|---|---|
| Respiratory protection | not required. |
| Hand protection | Recommendation: Wear protective gloves. Suitable material: NBR (Nitrile rubber). |
| Eye protection | Tightly sealed safety glasses. |
| Skin and body protection | Protective clothing. |
| General protective and hygiene measures | Please observe the usual precautions applicable to the handling of chemicals. Wash hands before breaks and after work. When using do not eat, drink or smoke. |
| Information on environmental protection regulations | Do not allow to enter into surface water or drains. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|--------------------------------------|
| Form | Paste |
| Colour | yellow |
| Odour | lemon. |
| pH | not applicable |
| Flash point [°C] | > 100° C |
| Explosion limits [Vol-%] | not applicable |
| Vapour pressure [kPa] | at 20° C: < 1 hPa |
| Density [g/cm ³] | at 20° C: ca. 1,67 g/cm ³ |
| Water solubility [g/l] | practically insoluble |
| Partition coefficient n-octanol /water (log P O/W) | not applicable |
| Viscosity, dynamic [kg/(m*s)] | at °C: 23 ca. 25 Mio. mPa.s |

9.2 Other information

| | |
|---------------------------|----------------|
| Ignition temperature [°C] | > 200° C |
| Oxidizing properties | not applicable |

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SECTION 10: Stability and reactivity

10.1 Reactivity

Thermal decomposition > 250° C

10.4 Conditions to avoid

Conditions to avoid Temperatures > 150° C

10.5 Incompatible materials

Materials to avoid None known until now.

10.6 Hazardous decomposition products

Hazardous decomposition products Decomposition takes place from temperatures above: ca. 150°C
Decomposition under formation of:
Formaldehyde.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral toxicity [mg/kg]

| Value | Test species | Remarks |
|--------------------|--------------|------------------|
| LD50: > 5000 mg/kg | Rat. | literature value |

11.2 Additional information

Experience in practice No evidence of harmful effects from available information if used properly.

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

Biodegradability Product is biodegradable with difficulty.

12.3 Bioaccumulative potential

Bioaccumulation No indication of bioaccumulation potential.

12.6 Other adverse effects

Behaviour in waste water treatment plants None known until now.

Further information on ecology No evidence of harmful effects from available information if used properly.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations Carry out a burning of hazardous waste according to official regulations.
Cleaned containers may be recycled.
Dispose of waste according to applicable legislation.

Waste Code 07 02 17 (AVV)

SECTION 14: Transport information

14.8 Additional information

Other information (chapter 14.) No dangerous good in sense of these transport regulations.

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SECTION 15: Regulatory information

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

Water hazard class (self-classification) 1

SECTION 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.