

# Safety Data Sheet

according to Regulation (EU) No. 1907/2006

**Contax (Primer & Bond)**

Print date: 31.08.2010

MSDS: 2222

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**1. Identification of the substance/preparation and of the company/undertaking****Identification of the substance or preparation**

Contax (Primer &amp; Bond)

**Company/undertaking identification**

Company name:	DMG Chemisch-Pharmazeutische Fabrik GmbH		
Street:	Elbgaustraße 248		
Place:	D-22547 Hamburg		
Telephone:	+49. (0) 40. 84006-0	Telefax:	+49. (0) 40. 84006-222
Internet:	www.dmg-dental.com	e-mail:	info@dmg-dental.com

**2. Hazards identification****Classification**

Indications of danger : Irritant  
R-phrases:  
Irritating to eyes, respiratory system and skin.  
May cause sensitization by skin contact.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )**

chemical characterization (preparation): Acrylate.-resin.

**4. First aid measures****After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

**After contact with skin**

After contact with skin, wash immediately with: Water and soap.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Immediately get medical attention.

**5. Fire-fighting measures****Suitable extinguishing media**

Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO2).

**Extinguishing media which must not be used for safety reasons**

High power water jet.

**6. Accidental release measures****Personal precautions**

Wear suitable protective clothing. Provide adequate ventilation.

**Environmental precautions**

Do not empty into drains or the aquatic environment.

**Methods for cleaning up/taking up**

Collect mechanically.  
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

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**7. Handling and storage****Handling****Advice on safe handling**

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

**Storage****Requirements for storage rooms and vessels**Keep container tightly closed in a cool, well-ventilated place.  
Store only in original container.**8. Exposure controls/personal protection****Exposure limit values****Exposure controls****Occupational exposure controls**

Ensure adequate ventilation of the storage area.

**Protective and hygiene measures**

When using do not eat or drink.

**Respiratory protection**

The following must be prevented: inhalation.

**Hand protection**

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

**Eye protection**

Tightly sealed safety glasses.

**9. Physical and chemical properties****General information**

Physical state:	liquid
Colour:	yellow
Odour:	like: ester

**Important health, safety and environmental information**

	Test method
pH-Value (at 20 °C):	3,5
<b>Changes in the physical state</b>	
Boiling point:	100 °C
point of decomposition:	> 200 °C
Flash point:	> 100 °C
Vapour pressure: (at 20 °C)	23 hPa
Density:	1,1 g/cm <sup>3</sup>
Solubility in other solvents:	Solubility ca. 50 %
Vapour density:	> 1

**10. Stability and reactivity**

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**Conditions to avoid**

Light. heat.

**Materials to avoid**

Keep away from strong acids, leachates, heavy metal salts and reducing materials.

**Hazardous decomposition products**

Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

**11. Toxicological information****Acute toxicity**

LD50: Rat. 5500mg/kg

**Corrosive and irritant effects**

Frequently or prolonged contact with skin may cause dermal irritation.

Irritant effect on the eye: Frequently or prolonged contact with skin may cause dermal irritation.

**Sensitising effects**

May cause sensitization by skin contact.

**Additional information on tests**

Contains Methacrylates: May produce an allergic reaction. May cause sensitization by skin contact.

**12. Ecological information****Ecotoxicity**

Aquaticity LC50: &gt; 360 mg / l / 48h

**Persistence and degradability**

Product is partially biodegradable. 50%

**Further information**

Do not empty into drains or the aquatic environment. Leakage into the environment must be prevented.

**13. Disposal considerations****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Carry out a burning of hazardous waste according to official regulations.

**Waste disposal number of waste from residues/unused products**

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances

Classified as hazardous waste.

**14. Transport information****Other applicable information**

Not a hazardous material with respect to these transportation regulations.

**15. Regulatory information****Labelling**

Danger symbols:

Xi - Irritant

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**Hazardous components which must be listed on the label**

Methacrylic esters.

**R phrases**

36/37/38 Irritating to eyes, respiratory system and skin.  
43 May cause sensitization by skin contact.

**S phrases**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
28 After contact with skin, wash immediately with plenty of Water and soap. .

**National regulatory information**

Water contaminating class (D): 2 - water contaminating

**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

36/37/38 Irritating to eyes, respiratory system and skin.  
43 May cause sensitization by skin contact.

**Further Information**

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

# Safety Data Sheet

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**Company/undertaking identification**

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Street:	Elbgaustraße 248		
Place:	D-22547 Hamburg		
Telephone:	+49. (0) 40. 84006-0	Telefax:	+49. (0) 40. 84006-222
Internet:	www.dmg-dental.com	e-mail:	info@dmg-dental.com

**2. Hazards identification****Classification**

Indications of danger : Irritant  
R-phrases:  
Irritating to eyes, respiratory system and skin.  
May cause sensitization by skin contact.

**Explication of special hazards for human health and environment**

Irritating to eyes, respiratory system and skin.  
May cause sensitization by skin contact.

**3. Composition/information on ingredients****Chemical characterization ( Mixture )**

chemical characterization (preparation): Acrylate.-resin.

**4. First aid measures****After inhalation**

Move victim to fresh air. Put victim at rest and keep warm.

**After contact with skin**

After contact with skin, wash immediately with: Water and soap.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Consult physician.

**5. Fire-fighting measures****Suitable extinguishing media**Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO<sub>2</sub>).**Extinguishing media which must not be used for safety reasons**

High power water jet.

**6. Accidental release measures****Personal precautions**

Wear suitable protective clothing. Provide adequate ventilation.

**Environmental precautions**

Do not empty into drains or the aquatic environment.

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**Methods for cleaning up/taking up**

Collect mechanically.

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

**7. Handling and storage****Handling****Advice on safe handling**

Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.

**Storage****Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

**8. Exposure controls/personal protection****Exposure limit values****Exposure controls****Protective and hygiene measures**

Take off immediately all contaminated clothing. When using do not eat or drink.

**Respiratory protection**

The following must be prevented: inhalation.

**Hand protection**

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

**Eye protection**

Tightly sealed safety glasses.

**9. Physical and chemical properties****General information**

Physical state:	liquid
Colour:	yellow
Odour:	like: ester

**Important health, safety and environmental information**

	Test method
pH-Value:	3,5
<b>Changes in the physical state</b>	
Boiling point:	100 °C
point of decomposition:	> 200 °C
Flash point:	100 °C
Vapour pressure: (at 20 °C)	23 hPa
Density:	1,1 g/cm <sup>3</sup>
Water solubility:	50% g/L
Vapour density:	> 1

**10. Stability and reactivity**

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**Conditions to avoid**

heat. Light.

**Materials to avoid**

Keep away from strong acids, leachates, heavy metal salts and reducing materials.

**Hazardous decomposition products**

Can be released in case of fire: Gas / vapours, irritant. (Acrylate., pungent)

### 11. Toxicological information

**Acute toxicity**

LD50: (Rat.): 5000mg/kg

**Corrosive and irritant effects**Irritant effect on the eye: strong irritant. Risk of serious damage to eyes.  
Frequently or prolonged contact with skin may cause dermal irritation.**Additional information on tests**

Contains Methacrylates: May produce an allergic reaction. May cause sensitization by skin contact.

### 12. Ecological information

**Ecotoxicity**Product is partially biodegradable. >50 %  
Acute fish toxicity LC50: >230mg / l / 96 h**Further information**

Do not empty into drains or the aquatic environment.

### 13. Disposal considerations

**Advice on disposal**Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.  
Carry out a burning of hazardous waste according to official regulations.**Waste disposal number of waste from residues/unused products**180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances  
Classified as hazardous waste.

### 14. Transport information

**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

### 15. Regulatory information

**Labelling**

Danger symbols: Xi - Irritant

**Hazardous components which must be listed on the label**

Methacrylic esters.

**R phrases**

36/37/38 Irritating to eyes, respiratory system and skin.

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43 May cause sensitization by skin contact.

**S phrases**

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of Wasser und Seife.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**National regulatory information**

Water contaminating class (D):

**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

36/37/38 Irritating to eyes, respiratory system and skin.

43 May cause sensitization by skin contact.

**Further Information**

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