

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Contax (Activator)**

Print date: 02.07.2014

Product code: 2225\_GHS

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Contax (Activator)

Product group: Endprodukt

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

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
e-mail:	info@dmg-dental.com	
Internet:	www.dmg-dental.com	

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

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

**GHS classification**

Hazard Statements:  
 May cause respiratory irritation.  
 Causes serious eye irritation.  
 Causes skin irritation.  
 May cause an allergic skin reaction.

**2.2. Label elements**

Signal word: Warning  
 Pictograms: GHS07

**Hazard statements**

H335	May cause respiratory irritation.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

**Precautionary statements**

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

**2.3. Other hazards**

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

**SECTION 3: Composition/information on ingredients**

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**3.2. Mixtures****Chemical characterization**

chemical characterization (preparation): Acrylate.-resin.

**SECTION 4: First aid measures****4.1. Description of 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.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****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.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective clothing. Provide adequate ventilation.

**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.

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

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

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

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

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

Store only in original container.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.2. Exposure controls**

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**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.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

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

**Test method**

pH-Value: &lt; 7

**Changes in the physical state**

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:	500 g/L

**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

heat. Light.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

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

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

Preparation not tested.

**Acute toxicity**

LD50: (Rat.): 5000mg/kg

**Irritation and corrosivity**Irritant effect on the eye: strong irritant. Risk of serious damage to eyes.  
Frequently or prolonged contact with skin may cause dermal irritation.

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**Additional information on tests**

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

**SECTION 12: Ecological information****12.1. Toxicity**

Product is partially biodegradable. &gt; 50 %

Acute fish toxicity LC50: &gt;230 mg / l / 96 h

**Further information**

Do not empty into drains or the aquatic environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****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.

**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):

**SECTION 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 sensitisation by skin contact.

**Full text of H statements referred to under Sections 2 and 3**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

**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

according to Regulation (EC) No 1907/2006

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Product code: 2222\_GHS

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Contax (Primer &amp; Bond)

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

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	
e-mail:	info@dmg-dental.com		
Internet:	www.dmg-dental.com		

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

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

**GHS classification**

Hazard Statements:  
May cause respiratory irritation.  
Causes serious eye irritation.  
Causes skin irritation.  
May cause an allergic skin reaction.

**2.2. Label elements**

Signal word: Warning  
Pictograms: GHS07

**Hazard statements**

H335	May cause respiratory irritation.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

**Precautionary statements**

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

chemical characterization (preparation): Acrylate.-resin.

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### SECTION 4: First aid measures

#### 4.1. Description of 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.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **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.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing. Provide adequate ventilation.

#### 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.

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

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### **Advice on safe handling**

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

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

##### **Requirements for storage rooms and vessels**

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

Store only in original container.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls



##### **Occupational exposure controls**

Ensure adequate ventilation of the storage area.

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**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.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

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

**Test method**

pH-Value (at 20 °C):	4.5 - 7
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**Changes in the physical state**

Boiling point:	100 °C
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point of decomposition:	> 200 °C
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Flash point:	> 100 °C
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Vapour pressure: (at 20 °C)	23 hPa
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Density:	1,1 g/cm <sup>3</sup>
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**Solubility in other solvents**

Solubility ca. 50 %

Vapour density:	> 1
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**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

Light. heat.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

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

**Further information**

Substances sensitive to light.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

LD50: Rat. 5500mg/kg

**Irritation and corrosivity**

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.

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**Additional information on tests**

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

**SECTION 12: Ecological information****12.1. Toxicity**

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

**12.2. 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.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****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.

**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): - - not water contaminating

**SECTION 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 sensitisation by skin contact.

**Full text of H statements referred to under Sections 2 and 3**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

**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.)*