

Safety Data Sheet

according to Regulation (EC) No 1907/2006

LuxaCam PEEK

Print date: 15.07.2016

Product code: 6610

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

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

Restricted to professional users. (dental)

Uses advised against

Do not use in household.

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

Polymer

Polyether ketone | CAS 29658-2 | 95 - 100 %

stabilizer, others | CAS n.a. | 0 - 5 %

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

No special measures are necessary.

After inhalation

Provide fresh air.

Seek medical attention if problems persist.

After contact with skin

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

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

Seek medical attention if problems persist.

After ingestion

Rinse mouth thoroughly with water.

Seek medical attention if problems persist.

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

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Suitable extinguishing mediaWater fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO₂).**Unsuitable extinguishing media**

High power water jet.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

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

Avoid generation of dust. Use appropriate respiratory protection.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

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

See attached safety data sheets and/or usage instructions.

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

Store only in original container.

Keep container dry.

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

In case of open handling, use devices with built-in suction where possible.

Avoid contact with skin, eye and clothing.

Protective and hygiene measures

When using do not eat, drink or smoke.

Eye/face protection

Wear eye/face protection.

Respiratory protection

Do not breathe dust.

Environmental exposure controls

not determined

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

Physical state:	solid
Colour:	white - yellow
Odour:	odourless

pH-Value:

Test method
not applicable

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Changes in the physical state

Melting point:	340 - 350 °C
Softening point:	not applicable
Flash point:	not applicable

Explosive properties

Product is not dust explosive in its original delivery form. The addition of particulate matter, however, results in a dust explosion risk.

Ignition temperature:	575 °C
Decomposition temperature:	> 450 °C
Vapour pressure:	not applicable
Density:	1.3 - 1.5 g/cm ³
Water solubility:	insoluble
Vapour density:	not applicable

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

heat. Keep away from sources of ignition - No smoking.

10.5. Incompatible materials

Oxidizing agents. Sulfuric acid.

10.6. Hazardous decomposition products

not determined
(COx, HX, NOx, MeOx)

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

No data available

Acute toxicity

No symptoms known up to now.
Do not breathe dust.
Avoid contact with eyes.

Further information

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

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

No data available
Solubility in water: (g/l) : insoluble

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.6. Other adverse effects

No data available

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Further information

No special environmental protection measures are necessary.
Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

070213 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; waste plastic

Waste disposal number of used product

070213 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; waste plastic

Waste disposal number of contaminated packaging

150101 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); paper and cardboard packaging

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: none / none

14.3. Transport hazard class(es): none / none

14.4. Packing group: none / none

Other applicable information (land transport)

Not a hazardous material with respect to transportation regulations.

Inland waterways transport (ADN)

14.1. UN number: none / none

14.3. Transport hazard class(es): none / none

14.4. Packing group: none / none

Other applicable information (inland waterways transport)

Not a hazardous material with respect to transportation regulations.

Marine transport (IMDG)

14.1. UN number: none / none

14.3. Transport hazard class(es): none / none

14.4. Packing group: @1718.

Other applicable information (marine transport)

Not a hazardous material with respect to transportation regulations.

Air transport (ICAO)

14.1. UN number: none / none

14.3. Transport hazard class(es): none / none

Other applicable information (air transport)

Not a hazardous material with respect to transportation regulations.

14.6. Special precautions for user

none / none

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Other applicable information

Not a hazardous material with respect to transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information****Additional information**

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

National regulatory information**SECTION 16: Other information**

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