

Amourphous PEKK Safety Document



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SECTION 1: Identification of the article and of the company/undertaking

1.1. Product Identifier

Article name : Amourphous PEKK

1.2. Relevant identified uses of the article and uses advised against

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety document

KIMYA

20 rue Chevreul

44100 Nantes - France

T +33(0)2 40 38 40 00 contact@kimya.fr - www.kimya.fr

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards Identification

Not applicable. To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

SECTION 3: Composition/information on ingredients

Polyetherketoneketone

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Get medical advice/attention if you feel unwell.

First-aid measures after inhalation: Allow affected person to breathe fresh air.

First-aid measures after skin contact: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. Remove contaminated clothing and shoes. Wash off with plenty of water.

First-aid measures after eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

First-aid measures after ingestion: Do not induce vomiting. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide. Water spray. Foam. Dry powder.

5.2. Special hazards arising from the article

No additional information available

5.3. Advice for firefighters

Protection during firefighting: Use self-contained breathing apparatus and chemically protective clothing. Do not enter fire area without proper protective equipment, including respiratory protection. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Wear personal protective equipment.

6.1.1. For non-emergency personnel

Protective equipment: Wear recommended personal protective equipment.

Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment: Breathing apparatus. Wear fire/flame resistant/retardant clothing.

Emergency procedures: Ventilate area. Stop leak if safe to do so. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment: Shovel into suitable and closed container for disposal. Using a clean shovel, put the material in a dry container and cover without compressing it.

Methods for cleaning up: On land, sweep or shovel into suitable containers.

Other information: May be dangerously slippery if spilled.

6.4. Reference to other sections

See Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Do not breathe dust. Do not eat, drink or smoke when using this product. Avoid dust formation. Do not breathe vapours.

Hygiene measures: Do not eat, drink or smoke when using this product.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store in dry protected location to prevent any moisture contact.

Incompatible products: Strong acids. Oxidizing agent.

Storage temperature: $\leq 50^{\circ}\text{C}$

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Apply the necessary technical measures to comply with the occupational exposure limit values. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.3. Eye and face protection

Eye protection:

Where excessive dust may result, wear goggles

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

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8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid

Colour: Amber

Odour: odourless.

Odour threshold: No data available

pH: No data available

Relative evaporation rate (butylacetate=1): No data available

Melting point: 300–365°C

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Auto-ignition temperature: No data available

Decomposition temperature: 500 °C Method : TGA (Thermal Gravimetric Analysis)

Flammability (solid, gas): No data available

Vapour pressure: No data available

Relative vapour density at 20 °C: No data available

Relative density: No data available

Density: 1.28 – 1.31 g/cm³

Solubility: insoluble in water.

Partition coefficient n-octanol/water (Log Pow): No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidising properties: No data available

Explosive limits: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under the recommended storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Moisture. Keep away from any flames or sparking source.

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10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. organic decomposition products.

SECTION 11: Toxicological information

No additional information available

SECTION 12: Ecological information

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste): Disposal must be done according to official regulations.

SECTION 14: Transport information

Exempt from transport classification and labelling

SECTION 15: Regulatory information

No additional information available

SECTION 16: Other information

No additional information available