

# PEI 9085

## Safety Document



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

#### 1.1. Product Identifier

Article name : PEI 9085

#### 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

Polyetherimide

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general: Thermal decomposition may produce : irritating gases, irritating vapours. Move the affected person to the fresh air. Obtain medical attention.

First-aid measures after inhalation: Move to fresh air in case of accidental inhalation. If symptoms persist call a doctor.

First-aid measures after skin contact: Cool skin rapidly with cold water after contact with molten product. Gently wash with plenty of soap and water. Get medical advice/attention.

First-aid measures after eye contact: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: No hazards which require special first aid measures. Ingestion unlikely. If accidentally swallowed obtain immediate medical attention.

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

No additional information available

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media: Do not use a heavy water stream.

### 5.2. Special hazards arising from the article

Fire hazard: Avoid dust formation. Dust may form explosive mixture in air.

Hazardous decomposition products in case of fire: Fire will produce dense black smoke. Thermal decomposition generates : Carbon oxides (CO, CO<sub>2</sub>). Various hydrocarbon fragments. Nitrogen Oxides (NO<sub>x</sub>). Hydrogen cyanide.

### 5.3. Advice for firefighters

Precautionary measures fire: Take precautionary measures against static discharge. Dust may form explosive mixture in air. Decomposes on exposure to temperature rise: release of irritant gases/vapours.

Protection during firefighting: Use a self-contained breathing apparatus and also a protective suit. Keep upwind. Fight fire from safe distance and protected location.

## SECTION 6: Accidental release measures

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

6.1.1. For non-emergency personnel

Emergency procedures: Avoid the build-up of electrostatic charge.

6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Do not allow to enter drains or water courses. Do not allow product to spread into the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Shovel or sweep up and put in a closed container for disposal. Minimise generation of dust.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Ensure good ventilation of the work station. Avoid dust

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formation. Ground/bond container and receiving equipment.  
Hygiene measures: Do not eat, drink or smoke when using this product.

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

Storage conditions: Store in a dry, cool area. Keep away from heat. Keep away from ignition sources.

## 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  
Handle in accordance with good industrial hygiene and safety practice. Ensure that there is a suitable ventilation system.

8.2.2. Personal protection equipment

8.2.3. Eye and face protection  
Eye protection:  
Wear closed safety glasses

8.2.2.2. Skin protection  
Skin and body protection:  
Long sleeved protective clothing  
Hand protection:  
Protective gloves  
Other skin protection  
Materials for protective clothing: Wear proper protective equipment

8.2.2.3. Respiratory protection  
Respiratory protection:  
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

Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: Solid

Odour: No data available

Odour threshold: No data available

pH: No data available

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

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): No data available

Vapour pressure: No data available

Relative vapour density at 20 °C: No data available

Relative density: >1

Density: 500 kg/m<sup>3</sup>

Solubility: not soluble 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

Stable under the recommended storage conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

To avoid thermal decomposition, avoid elevated temperatures. Heating can result in the formation of gaseous decomposition products, some of which may be hazardous. Do not exceed melt temperature recommendations in product literature.

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Purgings of hot material should be collected in small, flat, thin shapes and quenched with water to allow for rapid cooling. Do not allow product to remain in barrel at elevated temperatures for extended periods of time.

## 10.5. Incompatible materials

No additional information available.

## 10.6. Hazardous decomposition products

Hazardous vapours may be released. hydrocarbons. Phenolic compounds.

## 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

Waste treatment methods: If recycling is not possible, eliminate in accordance with local valid waste disposal 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