

# SAFETY DATA SHEET

## 1. Identification of the Substance / Preparation and of the Company Undertaking

Product Name: SpEC Slip Joint Membrane  
Company: Speciality Engineering Chemicals  
Address: P. O. Box 61347, Dubai, U.A.E.  
Telephone: +9714-8836662 Facsimile: +9714-8837696  
E-mail: info@spec.ae Web site: www.spec.ae

## 2. Composition / Information on Ingredients

Composition: Polyethylene foam  
None of the ingredients of this product are classified as hazardous.

## 3. Hazards Identification

Low danger of inflame. Give that it is an organic substance, the material may burn only after heating to temperatures equal to or above its combustion point. Decomposition gases are formed (see section J: Stability & reactivity)

The foam may accumulate electrostatic charges which may produce electric shocks.

## 4. First Aid Measures

Eyes: This product is an inert solid. If it enters the eyes, remove like any other foreign object.  
Skin: In the case of burns caused by contact with melted material, cool with water but do not try to remove said material. Seek medical attention.  
Inhalation: In the case of inhalation of smoke causing discomfort, remove the affected person to a place with fresh air. If necessary, seek medical attention.  
Ingestion: First aid measures are not normally required.

## 5. Fire Fighting Measures

Suitable Extinguishing Media: Sprinkle with water to cool surfaces exposed to fire. Extinguish the fire with foam, extinguisher powder, CO2 or sprayed water.  
Special Exposure Hazards: Apart from smoke, in certain cases, carbon monoxide and hydrocarbon may be produced.  
Special Protective Equipment: Protective breathing equipment and for the eyes is required for fire-fighters.

## 6. Accidental Release Measures

Not applicable

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## 7. Handling and Storage

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Handling: Aspirate with sufficient intensity any inhalable dust that may be produced in the course of machining as the result of the dislodgement of shavings. Risk of electrostatic discharge, with proper earthing thus being required.

Storage: In ventilated areas. Ambient temperature.

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## 8. Exposure Controls / Personal Protection

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Occupational Exposure Limits: In general, this type of product is not subject to compulsory characterizations due to its potential hazards.

Personal Protective Equipment: Avoid eye contact. Wear impervious gloves (eg PVC), in case of repeated or prolonged contact. Goggles.

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## 9. Physical and Chemical Properties

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Appearance: Flexible microcellular solid

Colour: White, Grey

Odour: Odourless

Boiling point/interval: Not applicable

pH: Not applicable

Melting point/interval: > 110 °C

Flash point: 360 °C

Autoinflammability: No

Danger of explosion: No

Comburent properties: No

Vapour pressure: Not applicable

Bulk density: 23+/-5kg/m<sup>3</sup>

Soluble in water: No

N-octanol/water: Not determined

Viscosity: No

Hygroscopic substance: No

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## 10. Stability and Reactivity

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Stability: Stable under normal conditions

Conditions to avoid: Temperatures above of 250 °C may cause decomposition of the material. Contact with sources of ignition and/or heat may cause explosions

Hazardous Decomposition products: Trace hydrocarbons(gas)

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## 11. Toxicological Information

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Water:

On eyes: Mechanical irritation

On skin: Exposure to hot material may cause burns.

By inhalation: Gases forming at high temperatures may be irritating to the eyes and respiratory tract.

Oral: LD 50>2000 mg/Kg rat.

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## 12. Ecological Information

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The product is recyclable, biologically non-degradable, degrades slowly by UV action and contains no lead, mercury, cadmium or chrome in its composition.

Aquatic toxicity: Insoluble non-toxic material (no aquatic hazard).

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## 13. Disposal Considerations

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The proper means of disposal of this product are: incineration in appropriate systems with energy recovery, elimination in landfill facilities or recycling methods.

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## 14. Transport Information

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This material must be transported in UNSEALED vehicles to allow for ventilation.  
This is not hazardous good in accordance with current provisions on the handling of hazardous materials.

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## 15. Regulatory Information

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According to EEC Directives, this product does not require specific classification or labelling.

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## 16. Other Information

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No liability accepted for any injury, loss, damage or cost arising directly or indirectly from the use of any information contained within this MSDS since the customers treatment of the product is necessarily out of our control.

The data given above is based upon current knowledge and experience. This safety sheet is intended to describe our products in terms of their safety requirements. It does not guarantee the properties of the products described.