

SAFETY DATA SHEET

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

Product Name: SpECtite Protection Board

Company: Speciality Engineering Chemicals

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2. Composition / Information on Ingredients

Composition: Hydrocarbon mixture

Hazardous Ingredient(s)	Risk Phrases	Other Information	%
Bitumen	_____	_____	20 - 70
Atactic Polypropylene	_____	_____	7 - 23
Isotactic Polypropylene	_____	_____	3 - 15
Polyethylene	_____	_____	0 - 5
Mineral Granules	_____	_____	0 - 30
Fine Sand	_____	_____	0 - 15
Calcium Carbonate	_____	_____	0 - 20
Polyester mat (encapsulated)	_____	_____	0 - 35
Fiberglass filament mat (encapsulated)	_____	_____	0 - 35

3. Hazards Identification

Irritation of the upper respiratory tract (scratchy throat), coughing and congestion may occur in extreme exposures to fumes.

Temporary irritation (itching) or redness may occur

Keep out of reach of children.

This product is not intended to be ingested or eaten under normal conditions of use. If ingested, it may cause temporary irritation to the gastrointestinal (GI) tract, especially the stomach.

4. First Aid Measures

Eyes: Do not rub or scratch eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5-15 minutes. If irritation persists, contact a physician.

Skin: Wash gently with soap and warm water to remove dust. Wash hands before eating or using the restroom.

Inhalation: Remove to fresh air. Drink water to clear throat and blow nose to remove dust.

Ingestion: This product is not intended to be ingested or eaten. If this product is ingested irritation of the gastrointestinal (GI) tract may occur and should be treated symptomatically. Rinse mouth with water to remove fibers, and drink plenty of water to help reduce the irritation. No chronic effects are expected following ingestion.

5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, Carbon Dioxide (CO₂), dry chemical ABC rated.

Special Exposure Hazards: Burning of this material will produce thick black smoke.

Special Protective Equipment: No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

6. Accidental Release Measures

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.

Environmental Precautions: Prevent entry into drains, sewers and water courses. Eye wash facilities should be available. Eliminate all sources of ignition.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste.

7. Handling and Storage

Handling: Avoid skin and eye contact. Avoid inhalation of vapour. Use only in well ventilated areas. Avoid sources of ignition.

Storage: Product in roll form should be stored in an upright position, in a covered well-ventilated area, away from sources of direct heat. Product should not be stacked. Keep naked flame away from release film or paper covered rolls.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits: ACGIH: 0.5mg/m³ TWA for Bitumen

Engineering Control Measures: Ventilate confined areas when in use. Wear protective clothing if contact occur.

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

9. Physical and Chemical Properties

Appearance: Dark mat with a PE film or sand surface.

Physical State: Solid

Odour: Bitumen

pH: Not applicable

Boiling Point/Range: >370°C

Melting Point: >150°C

Specific gravity: 1.12 - 1.16

Freezing Point: Not applicable

Evaporation rate: Not applicable

Vapour Pressure: Not applicable

Vapour Density: Not applicable

Solubility (H₂O): Nil

Viscosity: Not applicable

VOC: Not applicable

10. Stability and Reactivity

Stability:	Stable. No dangerous reaction known.
Conditions to avoid:	Avoid direct exposure to very high heat or flame or solvents.
Materials to avoid:	Strong oxidising agents, reducing agents, strong solvents, strong acids and alkalis.
Hazardous decomposition products:	The decomposition products from this material are those that would be expected from any organic (carbon-containing) material and are mainly derived from ageing or burning of the product. These decomposition products may include carbon monoxide, carbon dioxide, carbon particles and hydrocarbons.
Hazardous Polymerization:	Will not occur.

11. Toxicological Information

The product is non-toxic.

12. Ecological Information

Environmental Assessment:	When used and disposed of as intended, no adverse environmental effects are foreseen.
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	Not expected to be bioaccumulative.
Ecotoxicity:	No ecotoxicity data are available for this product's components.

13. Disposal Considerations

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose of through an authorised waste contractor to a licensed site. Do not empty into drains, sewers or water courses.
Used/Contaminated Product:	As for Unused product.

14. Transport Information

This product is not classified as hazardous material for transport.

15. Other Information

Issue no.: 1
Issue date: 26-Jan-11
Issued by: SpEC Technical Department

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.