SAFETY DATA SHEET

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

Product Name: SpECcord

Product Use: Joint Sealant

Company: Speciality Engineering Chemicals

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B. Composition / Information on Ingredients

Composition: Polyethylene homopolymer

C. Hazards Identification

Non-Hazardous

D. First Aid Measures

Eyes: Flush eyes with water if irritation occurs

Skin: If contact with molten product occurs, treat as for thermal burn

Inhalation: Not applicable

Ingestion: Not applicable

E. Fire Fighting Measures

Suitable Extinguishing Media: Use water for, foam, dry chemical or CO_2

Special Exposure Hazards: Treat as a solid that can burn. Avoid accumulation and dispersion of dust to reduce explosion potential

Special Protective Equipment: Material will not burn unless pre-heated. Do not enter fire space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots) including a positive NIOSH* approved self-contained breathing apparatus. Cool fire exposed containers with water.

F. Accidental Release Measures

Methods for Cleaning Up: Shovel and sweep or use industrial vacuum cleaner. Avoid generating dust clouds. Put into containers for reclaiming or disposal as permitted by applicable national, state and local regulations. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

G. Handling and Storage

Handling: Treat as solid that can burn.

Avoid breathing dust and process fumes.
Avoid accumulation and dispersion of dust to reduce explosion potential.
Adequate ventilation and/or engineering controls must be employed in high temperature processing to prevent exposure to potentially toxic/irritating fumes.
Bond and ground transfer equipment to avoid electric charge.

Storage: Store away from oxidizing materials, in a cool, dry place with adequate ventilation and absence of direct sunlight (maximum temperature 70°C).

H. Exposure Controls / Personal Protection

Occupational Exposure Limits : None assigned

Additional Protective Measures: Adequate ventilation and/or engineering controls are required when product is heated in processing to prevent exposure to potentially toxic/irritating fumes.

I. Physical and Chemical Properties

Appearance:	Solid, transluscent
Odour:	Negligible odour
Melting Point °C:	100 - 113 (aromatic)
Flash Point ºC:	-
Relative Density:	0.920 - 0.924
Auto Ignition Temperature:	350°C (ASTM D1929)
Solubility in Water:	Insoluble; soluble in hot
Flammability:	Flammable

J. Stability and Reactivity

Stability:	Stable
Conditions to avoid:	Temperature above 250°C
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products:	At processing temperature, some degree of thermal degradation will occur. Although highly dependent on temperature and environmental conditions, a variety of decomposition products maybe present ranging from simple hydrocarbons (methane and propane) to toxic/irritating gases such as carbon monoxide and dioxide, aldehydes and other organic vapors.

K. Toxicological Information

The product is non-toxic by composition. However it should be treated as nuisance particulates, avoiding breathing dust or any fumes that may generated during its processing. A knowledge of available toxicology information and of the physical and chemical properties of this material suggests that over-exposure is unlikely to aggravate existing medical conditions.

L. Ecological Information

The material is not biodegradable. Avoid uncontrolled releases. If it enters a water course or sewer, advise proper authorities of possible floating polymer.

M. Disposal Considerations

Disposal must be in accordance with local and national legislation.

N. Transport Information

The material is classified as non-hazardous by D.O.T regulations.

O. Regulatory Information

Occupational Exposure Limits: There are no established exposure limits for this product, however, polyethylene dust should be treated as a nuisance particulate. OSHA* Permissible Exposure Limit (PEL) is 15mg/m³ total dust, and 5mg/m³ respirable dust. ACGIH* Threshold Limit Value (TLV) is 10mg/m³ total dust.

OSHA - Occupational Safety and Health Administration
ACGIH - American Conference of Governmental Industrial Hygienists
NIOSH - National Institute of Occupational Safety and Health
IARC - International Agency for Research Centre
NTP - National Toxicity Program

P. 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.