

SAFETY DATA SHEET

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

Product Name: SpECseal 200 Code: 40001
Company: Speciality Engineering Chemicals
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B. Composition / Information on Ingredients

	Hazard Component	Conc Not>	Symbol	R Phrases	CAS No.
Base	Coal tar	13%	T	45/46, 60/61	Not applicable
Hardener	4,4' diphenyl methane diisocyanate	15%	Xn	20-36/37/38-42	1309-60-0

C. Hazards Identification

Classification (CPL) Base: Harmful
Hardener: Harmful

Main Health Hazards Base: Harmful by inhalation.
Irritating to eyes, respiratory system and skin.

Hardener: Harmful by inhalation.
Irritating to eyes, respiratory system and skin.
May cause sensitisation by inhalation.

D. First Aid Measures

Eye contact: Immediate and continual flushing of the eye is essential. Seek medical attention.

Skin contact: Remove contaminated clothing and wash with plenty of soap and water. Do not use organic solvents.

Inhalation: Remove to fresh air, keep warm and if recovery is not rapid seek medical attention.

Ingestion: If large amounts are ingested wash our mouth with clean cold water and seek medical attention immediately

E. Fire Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, foam or dry powder.

Special Exposure Hazards: Water, oxides of carbon or nitrogen.

Special Protective Equipment: Use full protective clothing and self contained breathing apparatus.

Fire/Explosion Risks: Not at temperatures below 200°C

F. Accidental Release Measures

Personal Precautions:	Do not breath vapour. Avoid ignition sources. Avoid skin contact and contact with eyes or clothing.
Environmental Precautions:	Prevent contamination of soil, drains and surface water.
Workplace Precautions:	Ensure personnel are wearing suitable protective clothing and are made aware of hazards.
Methods for Cleaning up:	Absorb into damp sand or equivalent and place in suitable closeable container for disposal.
Disposal Considerations:	See section J

G. Handling and Storage

Handling:	Handle with care! Ensure good local ventilation. Do not eat, drink or smoke when using the material.
Storage:	Keep away from food and drink. Store in original containers at temperatures between 5 °C (including any special requirements) and 30 °C.
Shelf-Life:	12 months.

H. Exposure Controls / Personal Protection

Ventilation:	Work should be carried out in areas of maximum ventilation or with good extraction.
Respiratory Equipment:	Only required if working in a very confined space over a long period of time.
Eye Protection:	Wear safety glasses or goggles.
Hand Protection:	Wear good quality protective gloves.
Skin Protection:	Wear protective overalls.

I. Physical and Chemical Properties

	Base	Hardener
Appearance:	Thick liquid	Thin liquid
Colour:	Black	Dark Brown
Odour:	Slight tar like odour	Musty
Boiling Point/Range (°C):	Decomposed before boiling	>200 °C
Melting Point:	Not applicable	Not applicable
Flash Point (closed, °C):	>110 °C	>200 °C
Autoflammability:	Not applicable	Not applicable
Specific Gravity:	1.39	1.24
Viscosity:	2000 mPas @ 23 °C	800 mPas @ 23 °C

J. Disposal Considerations

In accordance with local authority regulations.
Controlled incineration by an approved contractor.
Do not allow entry into sewers or natural environments.

K. Transport Information

	Base	Hardener
UN Number:	2810	2489
UN Packing Group:	III	III
IMDG Class:	Page 6270-1	Page 6140
IATA Class:	DGR.6.1 2810 III	DGE.6.1 2489 III
EmS:		
ADR/RID:	Class 6.1 No. 25 °C	Class 6.1 No. 19 °C

L. Regulatory Information

CPL Labelling	Base	Hardener
Symbol:	Xn	Xn
Hazard:	Harmful	Harmful
Contains:	Coal tar	4,4-diphenylmethane diisocyanate

Risk Phrases

Base

R20 Harmful by inhalation
R36/37/38 Irritating to eyes, respiratory system and skin.

Hardener

R20 Harmful by inhalation
R36/37/38 Irritating to eyes, respiratory system and skin.
R40 May cause sensitisation by inhalation.

Safety Phrases

Base & Hardener

S26 In case of eye contact rinse with plenty of water and seek medical advice.
S28 In case of skin contact wash with plenty of soap and water.
S38 In case of insufficient ventilation wear suitable respiratory equipment.
S45 In case of accident or if you feel unwell seek medical advice.

M. Other Information

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.