



# SAFETY DATA SHEET

## 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: **NITOSEAL MS50**

Application: Joint sealant.

Company: **Fosroc Limited**

Address: Coleshill Road, Tamworth, Staffordshire. B78 3TL

Telephone: 01827 262222      Out of Hours: 01827 265279      Fax: 01827 262444

## 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Alkoxy silane polyether polymer, inorganic fillers, plasticisers.

This product contains ingredients classified as hazardous. However, they are NOT present in sufficient quantities to warrant classifying the product as hazardous

Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
			Cas No:	
			Cas No:	
			Cas No:	
			Cas No:	
			Cas No:	

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Refer to Section 8 for Occupational Exposure Limits.

## 3: HAZARDS IDENTIFICATION

No significant hazard.



## 4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

Inhalation: Remove from exposure - unlikely to occur.

Ingestion: Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention

## 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets.

Special Exposure Hazards: Irritant fumes.

Special Protective Equipment: Self-contained breathing apparatus.

## 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.

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

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## 7: HANDLING AND STORAGE

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Handling: Avoid skin and eye contact. Use only in well ventilated areas.

Storage: Store in cool, dry area. Store out of direct sunlight. Store away from acids.

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## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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Occupational Exposure Limits:- None assigned

Substance	8 Hour TWA	STEL	Source/Other Information
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Engineering Control Measures: Use only in well ventilated areas.

Personal Protective Equipment: Wear impervious gloves (eg of PVC), in case of repeated or prolonged contact. Safety glasses (Conforming to EN 166).

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## 9: PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: Paste.

Colour: Pigmented

Odour: Slight/faint.

pH(concentrate):

pH(working dilution):

Boiling Point/Range (°C): Not applicable.

Melting Point/Range (°C):

Flash Point (closed, °C): None

Autoflammability (°C): Not determined.

Viscosity (at 20°C):

Explosive Properties (%):

Oxidising Properties: Not determined.

Vapour Pressure (kPa at 20°C):

Relative Density (at 20°C): 1.42

Water Solubility: Insoluble.

Fat Solubility:

Partition Coefficient (n-octanol/water):

Other data:

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## 10: STABILITY AND REACTIVITY

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Stability: Stable.

Conditions to Avoid: None known.

Materials to Avoid: Strong oxidising agents, Strong acids.

Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon. Irritant fumes

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## 11: TOXICOLOGICAL INFORMATION

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The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Oral LD50, rat >5000mg/kg

### Health Effects

On Eyes: May cause transient irritation.  
On Skin: Unlikely to irritate on brief or occasional exposure.  
By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.  
By Ingestion: May cause irritation of mouth, throat and digestive tract. Ingestion of significant amounts may result in severe systemic effects.  
Chronic: Repeated and prolonged skin contact may lead to skin disorders.  
Other:

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## 12: ECOLOGICAL INFORMATION

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Environmental Assessment: When used and disposed of as intended, no adverse environmental effects are foreseen.  
Mobility: Solid. Insoluble in water.  
Persistence and Degradability: Not readily biodegradable.  
Bioaccumulative Potential: Has the potential to bioaccumulate.  
Ecotoxicity: Expected to be ecotoxic to fish/daphnia/algae.

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## 13: DISPOSAL CONSIDERATIONS

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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.  
Packaging: The method of disposal must be acceptable to the local authority.

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## 14: TRANSPORT INFORMATION

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This product is NOT classified as dangerous for transport.

UN Number:

IMO:	Class:	Packing Group:	Marine Pollutant:
IATA/ICAO:	Class:	Packing Group:	
ADR:	Class:	Item:	

Transport Name:

Hazchem/Kemler Code:

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## 15: REGULATORY INFORMATION

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### Hazard Label Data:-

This product is NOT classified as dangerous for supply in the UK.

Named Ingredients:

UN Number:

Symbol(s):

Risk Phrases:

Safety Phrases:

EC Directives: Dangerous Substances Directive, 67/548/EEC and adaptations.  
Dangerous Preparations Directive, 88/379/EEC.  
Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments: Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092).  
Control of Substances Hazardous to Health Regs. 1999 (SI 3246).  
Environmental Protection (Duty of Care) Regs. 1991 (SI 2839).

Codes of Practice: Waste Management. The Duty of Care.

Guidance Notes:

The above publications are available from HMSO

