



## SAFETY DATA SHEET

### NITOSEAL MB333

This product is not classified as hazardous. This SDS is provided for information only.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name NITOSEAL MB333

Product number 1996000 UK9

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Hot-Poured Sealant

##### 1.3. Details of the supplier of the safety data sheet

Supplier Fosroc Limited  
Drayton Manor Business Park  
Coleshill Road  
Tamworth  
Staffordshire  
B78 3XN  
England  
Tel: +44 (0) 1827 262222  
Fax: +44 (0) 1827 262444  
enquiryuk@fosroc.com

##### 1.4. Emergency telephone number

Emergency telephone +44 (0) 1827 265 279 (Monday-Sunday 24 hours a day)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### 2.2. Label elements

Hazard statements NC Not Classified

##### 2.3. Other hazards

Not considered hazardous at ambient temperature. Products normally used at elevated temperature when contact with skin will cause severe burns. Fumes may be released at elevated temperatures which are potentially carcinogenic.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

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ASPHALT, OXIDIZED		30-60%
CAS number: 64742-93-4	EC number: 265-196-4	
<b>Classification</b>		
Not Classified		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove from exposure, rest and keep warm and obtain medical attention urgently.
<b>Ingestion</b>	Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention.
<b>Skin contact</b>	Rinse immediately with plenty of water. Cool burn with sterile testing. Hot contact - cool affected parts thoroughly under running water. Get medical attention. Show this Safety Data Sheet to the medical personnel.
<b>Eye contact</b>	Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Difficulty in breathing.
<b>Ingestion</b>	Causes burns.
<b>Skin contact</b>	Blistering may occur.

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Symptomatic and supportive therapy as needed. Following severe exposure medical follow-up should be monitored for at least 48 hours.
<b>Specific treatments</b>	If there are burns, treat them as thermal burns, after decontaminating them. Due to its irritant properties, ingestion can cause burns / ulceration of the mouth, stomach and lower gastrointestinal tract with consequent seriousness. Vomiting aspiration can damage the lungs. If a stomach lavage is performed, an endotracheal / esophageal control is recommended. There is no specific antidote. The treatment of the exposure will be directed to the control of the symptoms and the clinical conditions of the patient.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Foam, carbon dioxide or dry powder.
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#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Toxic fumes. Nitrogen compounds. Sulphur compounds.
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#### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus.
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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid inhaling mists and vapours. Avoid contact with eyes and skin.
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### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Remove mechanically. Place waste in labelled, sealed containers.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Maintain good standards of personal hygiene. Use only indirectly heated oil-jacketed equipment. Use only in well ventilated areas. Avoid skin and eye contact. Do not subject to direct heat. Care should be taken to avoid contact with hot material. Do NOT exceed maximum recommended temperature (180°C). Avoid breathing fumes and vapours.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in cool, dry area. Do not store at temperatures above 40°C.

**Storage class** Store in Cool dry area.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

ASPHALT, OXIDIZED

WEL

Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 10 mg/m<sup>3</sup>

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Use only in well ventilated areas.

#### Personal protection

Avoid breathing vapours. Wear heat-resistant, impervious gloves. Change contaminated clothing and clean before re-use. Wash hands thoroughly after handling this product.

#### Eye/face protection

Safety glasses should be worn.

#### Hand protection

Use heat resistant gloves Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

#### Other skin and body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### Hygiene measures

Eating, smoking and water fountains prohibited in immediate work area.

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<b>Respiratory protection</b>	Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter A-P2
<b>Thermal hazards</b>	To protect hands from high temperatures, gloves should comply with European Standard EN407.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Solid
<b>Colour</b>	Black.
<b>Odour</b>	slight bitumen odor
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not relevant.
<b>Melting point</b>	100°C
<b>Initial boiling point and range</b>	210°C @ 1 atm
<b>Flash point</b>	> 250°C
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Other flammability</b>	No specific test data are available.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not relevant.
<b>Relative density</b>	1.15 @ °C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Auto-ignition temperature</b>	> 400°C
<b>Decomposition Temperature</b>	No decomposition if stored and handled as prescribed/indicated.
<b>Viscosity</b>	Not relevant.
<b>Explosive properties</b>	Product does not present an explosion hazard.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Other information</b>	No additional information.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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**Reactivity** Does not react.

### 10.2. Chemical stability

**Stability** Stable.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** Overheating. Keep away from heat, sparks and open flame.

### 10.5. Incompatible materials

**Materials to avoid** Organic solvents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition:- Oxides of carbon. Sulphur compounds. Nitrogen compounds.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation** Low volatility makes inhalation unlikely at ambient temperature. When heated emits fumes that irritate the respiratory system.

**Ingestion** Low order of acute toxicity. May cause nausea, vomiting and diarrhoea.

**Skin contact** Heated material may cause burns.

**Eye contact** Irritating to eyes. Vapour causes irritation.

## SECTION 12: Ecological information

**Ecotoxicity** The product components are not classified as environmentally hazardous.

### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

### 12.2. Persistence and degradability

**Persistence and degradability** Not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not known.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** Solid. Insoluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** When used and disposed of as intended no adverse environmental effects are foreseen

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** Control of Substances Hazardous to Health Regulations 2002 (as amended).

**Guidance** Workplace Exposure Limits EH40.

**Authorisations (Annex XIV Regulation 1907/2006)** No specific authorisations are known for this product.

**Restrictions (Annex XVII Regulation 1907/2006)** No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**General information** Only trained personnel should use this material.

**Revision date** 12/11/2019

**Revision** 1b

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<b>Supersedes date</b>	29/10/2018
<b>Risk phrases in full</b>	Not classified.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.