

## SAFETY DATA SHEET NITOSEAL MBN2

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

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### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

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.

**CLASSIFICATION (1999/45)** Not classified.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
HYDROGEN SULPHIDE	231-977-3	7783-06-4	< 1%	F+;R12 T+;R26 N;R50

The Full Text for all R-Phrases is Displayed in Section 16

#### **COMPOSITION COMMENTS**

Bitumen, polymer, aggregate fillers and additives none of which are present in concentration that might be considered hazardous.

### 4 FIRST-AID MEASURES

#### **INHALATION**

Remove victim immediately from source of exposure.

#### **INGESTION**

Ensure that the airway is not obstructed and obtain medical advice.

#### **SKIN CONTACT**

If molten material comes into contact with skin, immerse immediately in cold running water for 10 minutes. Do NOT attempt to remove material from skin. Obtain medical attention.

#### **EYE CONTACT**

Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### **EXTINGUISHING MEDIA**

Extinguish fires using foam, dry powder, carbon dioxide, sand or earth. DO NOT USE WATER JET.

### 6 ACCIDENTAL RELEASE MEASURES

#### **PERSONAL PRECAUTIONS**

At elevated temperatures the following applies: Shut of leak if without risk. Contain leaking liquid with sand, earth or other suitable material. Allow material to set solid.

### 7 HANDLING AND STORAGE

#### **USAGE PRECAUTIONS**

Do NOT exceed maximum recommended temperature (180°C). Avoid contamination with water. Ensure adequate ventilation.

#### **STORAGE PRECAUTIONS**

Store at temperatures below 50°C to avoid deformation and under cover to avoid water contamination.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
ASPHALT PETROLEUM FUMES	WEL		5 mg/m3		10 mg/m3	
HYDROGEN SULPHIDE	WEL	5 ppm	7 mg/m3	10 ppm	14 mg/m3	

WEL = Workplace Exposure Limit.

### INGREDIENT COMMENTS

EH40/2005 Workplace Exposure Standards for handling hot materials are as per table.

### PROTECTIVE EQUIPMENT



### PERSONAL PROTECTION

Impervious gloves, eye protection and overalls. Respiratory protection must be worn if exposure limits are exceeded. Use of barrier cream before work will assist subsequent cleansing. Consider artificial ventilation/respirator if natural ventilation is inadequate.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<u>APPEARANCE</u>	Black, elastic
<u>ODOUR</u>	None at ambient temperature
<u>SOLUBILITY</u>	Insoluble in water
<u>BOILING POINT (°C)</u>	Decomposes above 210°C
<u>MELTING POINT (°C)</u>	Approximately 100°C
<u>RELATIVE DENSITY</u>	1.0g/ml (approx) 15
<u>VISCOSITY</u>	Solid 15
<u>FLASH POINT (°C)</u>	> 250°C
<u>AUTO IGNITION</u>	> 400°C
<u>TEMPERATURE (°C)</u>	
<u>FLAMMABILITY LIMIT - LOWER(%)</u>	Not determined
<u>FLAMMABILITY LIMIT - UPPER(%)</u>	Not determined

## 10 STABILITY AND REACTIVITY

### CONDITIONS TO AVOID

Overheating. Contamination with water.

### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition products include Carbon Dioxide, Carbon Monoxide, particulate matter, Hydrogen Sulphide, Oxides of Sulphur, Nitrogen and rubber fumes.

## 11 TOXICOLOGICAL INFORMATION

### HEALTH WARNINGS

Contact with hot material and prolonged inhalation of fumes should be avoided. Small quantities of Hydrogen Sulphide can be liberated on heating which might exceed exposure limits. For this reason boiler and tank vapour spaces should be regarded as hazardous.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not expected to be hazardous to the environment.

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Dispose as a controlled waste in accordance with local by-laws and Regulations.

## 14 TRANSPORT INFORMATION

<u>GENERAL</u>	Not classified as hazardous for carriage unless heated above 100°C when the below applies:
<u>PROPER SHIPPING NAME</u>	ELEVATED TEMPERATURE LIQUID NOS
<u>UN NO. ROAD</u>	3257

# NITOSEAL MBN2

**ADR CLASS NO.** 9  
**ADR PACK GROUP** III  
**ADR LABEL NO.** 9  
**HAZCHEM CODE** 2Y

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

NC Not classified.

## 16 OTHER INFORMATION

### GENERAL INFORMATION

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for a stated application or applications without seeking advice from Fosroc Ltd.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

Further copies of this Safety Data Sheet may be obtained from Fosroc Limited.

**DATE** 26/02/2010

### RISK PHRASES IN FULL

R12 Extremely flammable.  
R26 Very toxic by inhalation.  
R50 Very toxic to aquatic organisms.