



## SAFETY DATA SHEET

### MULSEAL DP

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

##### 1.1. Product identifier

**Product name** MULSEAL DP  
**Product number** 1691001UK9, 1691002UK9, 1691004UK9

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

**Identified uses** Bitumen/rubber latex damp-proofing emulsion.

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

**Supplier** FOSROC Limited  
Drayton Manor Business Park  
Coleshill Road  
Tamworth  
Staffordshire  
B78 3XN  
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 (08.30 to 17.00hrs Mon - Thu; 08.30 to 16.00hrs Fri)

#### SECTION 2: Hazards identification

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

###### Classification

###### Physical hazards

Not Classified

###### Health hazards

Not Classified

###### Environmental hazards

Not Classified

**Classification (67/548/EEC or 1999/45/EC)**

###### Human health

See Section 11 for additional information on health hazards.

###### Environmental

The product is not expected to be hazardous to the environment.

##### 2.2. Label elements

###### Hazard statements

NC Not Classified

##### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

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

##### 3.2. Mixtures

**MULSEAL DP**

<b>BITUMEN (PENETRATION GRADE)</b>		<b>30-60%</b>
<b>CAS number:</b> 64742-93-4 <b>EC number:</b> –		
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -	

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****General information**

No specific recommendations. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation.

**Ingestion**

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.

**Eye contact**

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

**4.2. Most important symptoms and effects, both acute and delayed****General information**

No specific symptoms noted.

**4.3. Indication of any immediate medical attention and special treatment needed****Notes for the doctor**

No specific recommendations.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

**5.2. Special hazards arising from the substance or mixture****Specific hazards**

During fire, gases hazardous to health may be formed. No unusual fire or explosion hazards noted.

**Hazardous combustion products**

Does not decompose when used and stored as recommended.

**5.3. Advice for firefighters****Protective actions during firefighting**

Move containers from fire area if it can be done without risk. No specific firefighting precautions known. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters**

Use protective equipment appropriate for surrounding materials.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

For personal protection, see Section 8.

**6.2. Environmental precautions****Environmental precautions**

Avoid the spillage or runoff entering drains, sewers or watercourses.

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

## MULSEAL DP

### Methods for cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. For waste disposal, see Section 13.

### 6.4. Reference to other sections

#### Reference to other sections

For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Avoid contact with skin and eyes. Good personal hygiene procedures should be implemented.

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

#### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### Storage class

Chemical storage.

### 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

#### BITUMEN (PENETRATION GRADE)

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

Provide adequate general and local exhaust ventilation.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex).

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

#### Hygiene measures

Do not smoke in work area. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

#### Respiratory protection

No specific recommendations.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Liquid.

**MULSEAL DP****Colour**

Black. Dark brown.

**Odour**

Characteristic.

**Odour threshold**

Not determined.

**pH**

pH (concentrated solution): 9-11

**Initial boiling point and range**

100°C @ 1 atm

**Flash point**

Not applicable.

**Flammability (solid, gas)**

Not applicable.

**Upper/lower flammability or explosive limits**

The product is not flammable.

**Other flammability**

Not applicable.

**Vapour pressure**

50 mm Hg @ 40°C

**Vapour density**

Not determined.

**Relative density**

1.03 - 1.05 @ 15°C

**Bulk density**

Not applicable.

**Solubility(ies)**

Dispersible in water.

**Auto-ignition temperature**

Not applicable.

**Explosive properties**

Not considered to be explosive.

**Explosive under the influence of a flame**

Not considered to be explosive.

**Oxidising properties**

Does not meet the criteria for classification as oxidising.

**9.2. Other information****Other information**

No data available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability****Stability**

Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

Temperatures below 2°C.

**10.5. Incompatible materials****Materials to avoid**

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Strong acids.

### **10.6. Hazardous decomposition products**

No known hazardous decomposition products.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Toxicological effects**

This product has low toxicity.

#### **General information**

No specific health hazards known.

#### **Inhalation**

Gas or vapour in high concentrations may irritate the respiratory system.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

Prolonged skin contact may cause redness and irritation.

#### **Eye contact**

May cause temporary eye irritation.

#### **Medical symptoms**

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

## **SECTION 12: Ecological Information**

#### **Ecotoxicity**

The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

### **12.1. Toxicity**

Not expected to be ecotoxic to fish/daphnia/algae

### **12.2. Persistence and degradability**

#### **Persistence and degradability**

The product is not readily biodegradable.

### **12.3. Bioaccumulative potential**

Not expected to be bioaccumulative

### **12.4. Mobility in soil**

#### **Mobility**

Mobile. Emulsifiable in water.

### **12.5. Results of PBT and vPvB assessment**

This substance is not classified as PBT or vPvB according to current EU criteria.

### **12.6. Other adverse effects**

Not applicable.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **General information**

When handling waste, the safety precautions applying to handling of the product should be considered.

#### **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**

**MULSEAL DP**

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 MARPOL73/78 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**

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation**

Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance**

Workplace Exposure Limits EH40.

**Authorisations (Title VII Regulation 1907/2006)**

No specific authorisations are known for this product.

**Restrictions (Title VIII 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****Revision comments**

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 06/05/2015

Revision 2

SDS number 12085

**Risk phrases in full**

NC Not classified.

**Disclaimer**

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