



## SAFETY DATA SHEET

### HYDROCELL XL

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

##### 1.1. Product identifier

Product name                   HYDROCELL XL  
 Product number               1627000UK9, 1628000UK9, 1629000UK9, 1630000UK9  
 Synonyms; trade names       HYDROCELL XL

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

Identified uses                 Expansion joint filler

##### 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

##### 2.3. Other hazards

No significant hazard.

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

##### 3.1. Substances

Product name                   HYDROCELL XL

###### Composition comments

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

## HYDROCELL XL

### General information

No specific recommendations. Rinse immediately with plenty of water. While rinsing, remove clothing not adhering to the affected area. Get medical attention.

### Inhalation

No specific recommendations.

### Ingestion

None known

### Skin contact

Mechanical irritation only If molten material comes into contact with skin, immerse immediately in cold running water for 10 minutes. Do NOT remove adhering material.

### Eye contact

Mechanical irritation only

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

#### General information

No specific symptoms noted.

#### Inhalation

Inhalation of dusts during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

#### Ingestion

No specific symptoms known.

#### Skin contact

No specific symptoms known.

#### Eye contact

Vapour, spray or dust may cause chronic eye irritation or eye damage.

### 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

Extinguish with foam, carbon dioxide, dry powder or water fog.

### 5.2. Special hazards arising from the substance or mixture

#### Specific hazards

Not relevant. None.

#### Hazardous combustion products

Does not decompose when used and stored as recommended. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Oxides of nitrogen. Hydrocarbons.

### 5.3. Advice for firefighters

#### Protective actions during firefighting

No specific firefighting precautions known.

#### Special protective equipment for firefighters

Not applicable.

---

## SECTION 6: Accidental release measures

---

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

#### Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

#### Environmental precautions

Avoid or minimise the creation of any environmental contamination.

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

#### Methods for cleaning up

Not relevant.

## HYDROCELL XL

### 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

Keep away from heat, sparks and open flame. Harmful dust may be released during cutting or grinding process.

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

##### Storage precautions

Keep away from heat, sparks and open flame.

##### Storage class

Not applicable.

#### 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

##### Ingredient comments

No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate 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

Gloves are recommended for prolonged use.

##### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear protective gloves.

##### 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. When using do not eat, drink or smoke.

##### Respiratory protection

No specific recommendations. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>.

---

### SECTION 9: Physical and Chemical Properties

---

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

##### Appearance

Hydrocell XL is a cross linked, non-absorbent, semi-rigid, cellular polyethylene joint filler used for forming expansion joints in concrete, brickwork and blockwork.

##### Colour

Black.

##### Odour

Odourless.

##### Melting point

## HYDROCELL XL

165°C

**Initial boiling point and range**

Not applicable.

**Flash point**

430°C Estimated value.

**Flammability (solid, gas)**

Not determined.

**Vapour pressure**

Not applicable.

**Solubility(ies)**

Not Significant

**Viscosity**

Not applicable.

**Explosive properties**

Not applicable.

**Oxidising properties**

Does not meet the criteria for classification as oxidising.

**9.2. Other information**

---

**SECTION 10: Stability and reactivity**

---

**10.1. Reactivity**

Not Significant

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

Stable.

**10.3. Possibility of hazardous reactions**

Not relevant.

**10.4. Conditions to avoid**

Keep at temperature not exceeding 250°C.

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

Strong oxidising agents. Aromatic solvents.

**10.6. Hazardous decomposition products**

Ammonia or amines. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Carbonyl compounds. Hydrocarbons. Acrolein Acetic acid. Oxides of nitrogen.

---

**SECTION 11: Toxicological information**

---

**11.1. Information on toxicological effects****Toxicological effects**

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

**Acute toxicity - oral**

LD >2000 mg/kg, Oral, Rat

**General information**

No specific health hazards known.

**Inhalation**

No specific health hazards known.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Contact with hot product can cause serious thermal burns.

**Eye contact**

Mechanical irritation only

## HYDROCELL XL

### Acute and chronic health hazards

No specific health hazards known.

### Target organs

Not relevant.

### 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

Not regarded as dangerous for the environment.

#### 12.1. Toxicity

Not considered toxic to fish.

#### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: >1538 mg/l, Brachydanio rerio (Zebra Fish)

#### 12.2. Persistence and degradability

##### Persistence and degradability

There are no data on the degradability of this product.

##### Phototransformation

Not relevant.

##### Biodegradation

Not relevant.

#### 12.3. Bioaccumulative potential

No data available on bioaccumulation.

#### 12.4. Mobility in soil

##### Mobility

The product is insoluble in water.

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

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

#### 12.6. Other adverse effects

Not relevant.

---

## SECTION 13: Disposal considerations

---

### 13.1. Waste treatment methods

#### General information

Disposal must be in accordance with local and national legislation.

#### Disposal methods

Dispose of waste product or used containers in accordance with local regulations

---

## 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

## HYDROCELL XL

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**

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).

#### **Guidance**

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

#### **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**

This is first issue.

**Revision date** 01/04/2015

**Revision** 01

**SDS number** 21591

#### **Risk phrases in full**

NC Not classified.

#### Disclaimer

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.