



## SAFETY DATA SHEET FLAMEX S

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Product name** FLAMEX S  
**Product No.** 1494000UK9, 1496000UK9

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

**Identified uses** Joint 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  
 Tel. +44 (0) 1827 262222  
 Fax. +44 (0) 1827 262444  
 enquiryuk@fosroc.com

#### 1.4. Emergency telephone number

+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 (1999/45/EEC)** Not classified.

##### Human health

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact.

##### Environment

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

#### 2.2. Label elements

##### Risk Phrases

NC Not classified.

##### Safety Phrases

S24 Avoid contact with skin.  
 S51 Use only in well-ventilated areas.

#### 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

##### Composition Comments

This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****General information**

No recommendation given. General first aid, rest, warmth and fresh air.

**Inhalation**

Move the exposed person to fresh air at once.

**Ingestion**

Remove victim immediately from source of exposure. 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. Get medical attention if irritation persists after washing.

**Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

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

Irritation of nose, throat and airway.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

Prolonged skin contact may cause redness and irritation.

**Eye contact**

Spray and vapour in the eyes may cause irritation and smarting.

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

No specific first aid measures noted.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media****Extinguishing media**

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

**5.2. Special hazards arising from the substance or mixture****Hazardous combustion products**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Silica Formaldehyde

**Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

**Specific hazards**

During fire, gases hazardous to health may be formed.

**5.3. Advice for firefighters****Special Fire Fighting Procedures**

No specific fire fighting procedure given. Use water to keep fire exposed containers cool and disperse vapours.

**Protective equipment for fire-fighters**

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8.

**6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

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

Absorb with sand or other inert absorbent. Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface.

## **6.4. Reference to other sections**

For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Observe good chemical hygiene practices. Provide good ventilation. Avoid inhalation of vapours/spray and contact with skin and eyes.

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

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

#### **Storage Class**

Chemical storage.

### **7.3. 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**

#### **Ingredient Comments**

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### **Protective equipment**



#### **Engineering measures**

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

#### **Respiratory equipment**

No specific recommendations.

#### **Hand protection**

Gloves are recommended for prolonged use. Butyl rubber or polyvinyl acetate. Neoprene, nitrile, polyethylene or PVC.

#### **Eye protection**

Wear approved chemical safety goggles where eye exposure is reasonably probable.

#### **Other Protection**

Wear appropriate clothing to prevent any possibility of skin 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 wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

#### **Skin protection**

Wear apron or protective clothing in case of contact.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

#### **Appearance**

Paste

#### **Colour**

Various colours

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<b><u>Odour</u></b>	Pleasant, agreeable.
<b><u>Solubility</u></b>	Insoluble in water
<b><u>Initial boiling point and boiling range (°C)</u></b>	> 100
<b><u>Relative density</u></b>	1.45
<b><u>Viscosity</u></b>	Highly viscous

### **Oxidising properties**

Does not meet the criteria for oxidising.

## **9.2. Other information**

Not available.

## SECTION 10: STABILITY AND REACTIVITY

### **10.1. Reactivity**

No specific reactivity hazards associated with this product.

### **10.2. Chemical stability**

Stable under normal temperature conditions.

### **10.3. Possibility of hazardous reactions**

Not relevant

### **Hazardous Polymerisation**

Not relevant

### **10.4. Conditions to avoid**

There are no known conditions that are likely to result in a hazardous situation.

### **10.5. Incompatible materials**

#### **Materials To Avoid**

Strong oxidising substances. Water, steam, water mixtures.

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

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Cures in the presence of water or moisture, releasing a small amount of methanol. If this product is heated to >150°C, trace quantities of formaldehyde may be released and adequate ventilation is required.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

#### **Acute toxicity:**

#### **Acute Toxicity (Oral LD50)**

> 3000 mg/kg Rat

The toxicological assessment is based on a knowledge of the toxicity of the product's components.

#### **General information**

This product has low toxicity. Only large volumes may have adverse impact on human health.

#### **Inhalation**

Vapour may irritate respiratory system or lungs. Vapours evolved during curing may cause dizziness.

#### **Ingestion**

May cause irritation of mouth, throat and digestive tract. Ingestion of significant amounts may result in severe systemic effects.

#### **Skin contact**

Unlikely to irritate on brief or occasional exposure. Prolonged contact may cause redness, irritation and dry skin.

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## Eye contact

Spray and vapour in the eyes may cause irritation and smarting.

## Health Warnings

No specific health warnings noted.

## 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.

## Specific effects

Repeated and prolonged skin contact may lead to skin disorders.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

No negative effects on the aquatic environment are known.

### 12.1. Toxicity

#### Acute Fish Toxicity

Not considered toxic to fish.

### 12.2. Persistence and degradability

#### Degradability

The product is not biodegradable.

#### Phototransformation

Not available.

#### Biodegradation

Not relevant

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

The product is not bioaccumulating.

### 12.4. Mobility in soil

#### Mobility:

The product is insoluble in water. Not considered mobile.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### General

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

### 14.1. UN number

Not applicable.

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### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### Environmentally Hazardous Substance/Marine Pollutant

No.

### 14.6. Special precautions for user

No information required.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not relevant

## SECTION 15: REGULATORY INFORMATION

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

#### Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

#### Approved Code Of Practice

Safety Data Sheets for Substances and Preparations.

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### Guidance Notes

Workplace Exposure Limits EH40.

#### EU Legislation

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 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** 11 August 2014

**Revision** 2

#### Risk Phrases In Full

NC Not classified.

#### Disclaimer

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.