



## SAFETY DATA SHEET SUPERCAST SW20

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

#### 1.1. Product identifier

**Product name** SUPERCAST SW20

**Product number** 2439040UK9

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

**Identified uses** Swellable waterstop

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

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

#### 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

**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

No significant hazard.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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

## SUPERCAST SW20

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	No specific recommendations. Rinse immediately with plenty of water. While rinsing, remove clothing not adhering to the affected area.
<b>Inhalation</b>	Not relevant.
<b>Ingestion</b>	Not relevant.
<b>Skin contact</b>	Not applicable.
<b>Eye contact</b>	Not applicable.

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

<b>General information</b>	No specific symptoms noted.
<b>Inhalation</b>	Inhalation of dusts during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	No specific symptoms known.

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

<b>Notes for the doctor</b>	No specific recommendations.
-----------------------------	------------------------------

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	Does not decompose when used and stored as recommended. Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Hydrogen chloride (HCl).

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	For personal protection, see Section 8.
-----------------------------	---

#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid the spillage or runoff entering drains, sewers or watercourses.
----------------------------------	---

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

## SUPERCAST SW20

**Methods for cleaning up** Pick up mechanically.

### 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** Read and follow manufacturer's recommendations. No specific recommendations. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

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

**Storage precautions** Keep container dry. Store away from sources of ignition. Do not store at temperatures above 35°C

**Storage class** Unspecified 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

**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. 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 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** Solid

**Colour** Red.

**Odour** Odourless.

## SUPERCAST SW20

<b>Melting point</b>	softens ~ 130°C
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Relative density</b>	1.07 @ 20°C
<b>Solubility(ies)</b>	Insoluble in water. Swellable
<b>Decomposition Temperature</b>	Decomposition will start at about 130°C where it will take several days. At 200°C it will increase rapidly, taking only a few minutes.
<b>Explosive properties</b>	Not considered to be explosive.
<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

**Other information** Not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable when stored in a dry place. Will decompose at temperatures exceeding 200°C.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Will not polymerise.

### 10.4. Conditions to avoid

**Conditions to avoid** Not relevant.

### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Strong alkalis.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Chlorine compounds including hydrogen chloride.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

**General information** No specific health hazards known.

**Inhalation** No significant hazard at normal ambient temperatures. Heating may generate the following products: Toxic gases or vapours.

**Ingestion** Low order of acute toxicity.

## SUPERCAST SW20

<b>Skin contact</b>	Unlikely to irritate on brief or occasional exposure. Repeated or prolonged contact with abraded or damaged skin may cause allergic skin reaction in susceptible people.
<b>Eye contact</b>	May cause temporary eye irritation.
<b>Acute and chronic health hazards</b>	No specific health hazards known.
<b>Target organs</b>	Not relevant.
<b>Medical symptoms</b>	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 is not expected to be hazardous to the environment.

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

**Phototransformation** Not relevant.

**Biodegradation** Not relevant.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not expected to be bioaccumulative

#### 12.4. Mobility in soil

**Mobility** The product is 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** Not applicable.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Disposal must be in accordance with local and national legislation.

**Disposal methods** No specific disposal method required.

### 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)

## SUPERCAST SW20

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

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

<b>National regulations</b>	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
<b>EU legislation</b>	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). Commission Regulation (EU) No 453/2010 of 20 May 2010. 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).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.
<b>Authorisations (Title VII Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Title VIII Regulation 1907/2006)</b>	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

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	16/05/2015
<b>Revision</b>	3
<b>SDS number</b>	12577
<b>Risk phrases in full</b>	NC Not classified.

## SUPERCAST SW20

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.