



## SAFETY DATA SHEET

### SUPERCAST SWX

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

##### 1.1. Product identifier

**Product name** SUPERCAST SWX  
**Product number** 2442020UK9, 2442040UK9, 2442060UK9

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

**Identified uses** Hydrophilic sealant and adhesive

##### 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

Skin Sens. 1 - H317

###### Environmental hazards

Aquatic Chronic 3 - H412

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

R43. R52/53.

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

###### Hazard statements

H317 May cause an allergic skin reaction.  
 H412 Harmful to aquatic life with long lasting effects.

###### Precautionary statements

P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with national regulations.

###### Supplemental label information

**SUPERCAST SWX**

EUH204 Contains isocyanates. May produce an allergic reaction.

**Contains**

URETHANE Bis OXAZOLIDONE, 1,3-Bis(1-Isocyanato-1-methylethyl)benzene

**Supplementary precautionary statements**

P261 Avoid breathing vapour/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P321 Specific treatment (see medical advice on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

**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**

<b>HYDRATED MAGNESIUM SILICATE (TALC)</b> CAS number: 14807-96-6 EC number: 238-877-9	<b>10-30%</b>
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.; Kerosine - UNSPECIFIED</b> CAS number: 64742-94-5 EC number: 265-198-5	<b>5-10%</b>
<b>Classification</b> Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R65
<b>URETHANE Bis OXAZOLIDONE</b> CAS number: 140921-24-0 EC number: 411-700-4	<b>1-5%</b>
<b>Classification</b> Skin Sens. 1 - H317	<b>Classification (67/548/EEC or 1999/45/EC)</b> R43
<b>TITANIUM DIOXIDE</b> CAS number: 13463-67-7 EC number: 236-675-5 REACH registration number: 01-2119489379-17-0000	<b>1-5%</b>
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -
<b>1,3-Bis(1-Isocyanato-1-methylethyl)benzene</b> CAS number: 2778-42-9 EC number: 220-474-4 M factor (Chronic) = 1	<b>&lt;1%</b>
<b>Classification</b> Acute Tox. 2 - H330 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT RE 1 - H372 Aquatic Chronic 1 - H410	<b>Classification (67/548/EEC or 1999/45/EC)</b> T;R23. Xi;R38. N;R50/53. R43.

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****Inhalation**

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**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.

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### **Skin contact**

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

### **Eye contact**

Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes and get medical attention.

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

#### **Inhalation**

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

#### **Ingestion**

May cause discomfort if swallowed.

#### **Skin contact**

May cause sensitisation by skin contact.

#### **Eye contact**

Irritation of eyes and mucous membranes.

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

#### **Notes for the doctor**

No specific recommendations. If in doubt, get medical attention promptly.

## **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**

The product is non-combustible. Irritating gases or vapours. No unusual fire or explosion hazards noted.

#### **Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

### **5.3. Advice for firefighters**

#### **Protective actions during firefighting**

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.

#### **Special protective equipment for firefighters**

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**

#### **Personal precautions**

Wear protective clothing as described in Section 8 of this safety data sheet. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid inhalation of spray mist and contact with skin and eyes. Provide adequate ventilation.

### **6.2. Environmental precautions**

#### **Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

#### **Methods for cleaning up**

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

#### **Reference to other sections**

The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See Section 12 for additional information on ecological hazards.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

#### 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. Keep only in the original container.

##### 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

##### HYDRATED MAGNESIUM SILICATE (TALC)

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

##### TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

##### METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m<sup>3</sup>(Sk)

WEL = Workplace Exposure Limit

##### TITANIUM DIOXIDE (CAS: 13463-67-7)

DNEL

Industry - Inhalation; Long term : 10 mg/m<sup>3</sup>  
Consumer - Oral; Long term : 700 mg/kg/day

PNEC

- Fresh water; >1 mg/l  
- Marine water; 0.127 mg/l  
- Soil; 100 mg/kg  
- STP; 100 mg/kg

##### AMINOPROPYLTRIMETHOXYSILANE (CAS: 13822-56-5)

DNEL

Workers - Dermal; Short term systemic effects: 8.3 mg/kg/day  
Workers - Dermal; Long term systemic effects: 8.3 mg/kg/day  
Workers - Inhalation; Short term systemic effects: 58 mg/m<sup>3</sup>  
Workers - Inhalation; Long term systemic effects: 58 mg/m<sup>3</sup>

PNEC

- Fresh water; 0.33 mg/l  
- Marine water; 0.033 mg/l  
- Intermittent release; 3.3 mg/l

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

##### 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 or face shield.

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin

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contact is possible. Nitrile rubber. Neoprene. Rubber (natural, latex).

### Other skin and body 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. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Paste.

#### Colour

Grey.

#### Odour

Slight / faint.

#### Odour threshold

Not determined.

#### pH

Not applicable.

#### Melting point

Not determined.

#### Initial boiling point and range

Not determined.

#### Flash point

> 65°C CC (Closed cup).

#### Evaporation rate

Not determined.

#### Evaporation factor

Not determined.

#### Flammability (solid, gas)

Not applicable.

#### Upper/lower flammability or explosive limits

Not determined.

#### Other flammability

Not determined.

#### Relative density

1.0 - 1.1 @ 20°C

#### Bulk density

Not applicable.

#### Solubility(ies)

Insoluble.

#### Partition coefficient

Not applicable.

#### Decomposition Temperature

Not determined.

#### Explosive properties

Not considered to be explosive.

#### Explosive under the influence of a flame

Not considered to be explosive.

#### Oxidising properties

The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

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### 9.2. Other information

#### Other information

Not available.

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### 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

Not determined. May polymerise.

#### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

#### 10.5. Incompatible materials

##### Materials to avoid

Strong acids. Strong alkalis. Strong oxidising agents. Strong reducing agents.

#### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - inhalation

###### ATE inhalation (gases ppm)

29456.81630729

###### ATE inhalation (vapours mg/l)

147.28408154

###### ATE inhalation (dusts/mists mg/l)

14.72840815

##### Inhalation

Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

##### Ingestion

May cause discomfort if swallowed.

##### Skin contact

May cause sensitisation by skin contact.

##### Eye contact

Irritating to eyes.

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### SECTION 12: Ecological Information

#### Ecotoxicity

The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 12.1. Toxicity

##### Acute toxicity - fish

Not determined.

##### Acute toxicity - aquatic invertebrates

Not determined.

##### Acute toxicity - aquatic plants

Not determined.

**SUPERCAST SWX****Ecological information on ingredients.****1,3-Bis(1-Isocyanato-1-methylethyl)benzene****Chronic aquatic toxicity****M factor (Chronic)**

1

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

No data available.

**12.3. Bioaccumulative potential**

No data available on bioaccumulation.

**Partition coefficient**

Not applicable.

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

The product is immiscible with water and will sediment in water systems.

**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**

None known.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****General information**

Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.

**Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty.

**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**

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**

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### 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. Approved Classification and Labelling Guide (Sixth edition) L131.

### 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 22/05/2015

Revision 4

SDS number 12008

### Risk phrases in full

NC Not classified.

R36 Irritating to eyes.

R43 May cause sensitisation by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

### Hazard statements in full

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

### 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.