

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SIKSWS  
**Product Name** SikaSwell S - 2  
**Product Description** One component moisture curing polyurethane sealant.  
**Manufacturer/Supplier** Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire.  
AL7 1BQ  
tel. 01707 394444  
Fax. 01707 329129

**2. COMPOSITION/INFORMATION ON THE COMPONENTS****Preparation - Hazardous ingredients ( Europe )**

<b>Component</b>	<b>CAS/EINECS</b>	<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
Aluminium Sulphate	10043-01-3	25.00% - 50.00%	Xi	R41
Aliphatic Polyisocyanate	28182-81-2	2.50%-10.00%	Xi	R43
gamma-butyrolactone	96-48-0	2.50%-10.00%	Xn	R22, R36
Oxydiethylene-dibenzoate	120-55-8	2.50% - 10.00%	N	R51/53
oxydipropyl-dibenzoate	27138-31-4	2.50% - 10.00%	N	R51/53

**3. HAZARD IDENTIFICATION**

**Main Hazards** Risk of serious damage to eyes.  
May cause sensitization by skin contact.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4. FIRST AID MEASURES**

**Eye Contact** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.  
Obtain medical attention urgently.

**Skin Contact** Wipe off as much as possible with a clean dry cloth.  
If material proves difficult to remove, use suitable skin cleanser (not solvent).  
Wash skin thoroughly with soap and water.  
Solvents should not be used to clean skin because they may increase the penetration of the material.  
Contaminated clothing should be washed or dry-cleaned before re-use.

**Ingestion** Do not induce vomiting. Wash out mouth with water.  
Obtain medical attention.

**Inhalation** Unlikely to occur. However provide symptomatic medical treatment if required.

**5. FIRE FIGHTING MEASURES**

<i>Extinguishing Media</i>	Use water spray, foam, dry chemical or carbon dioxide.
<i>Special Hazards of Product</i>	Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours. See also Section 10.
<i>Protective Equipment for Fire-Fighting</i>	Wear full protective clothing and self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	Try to prevent the material from entering drains or water courses.
<i>Spillages</i>	Remove spilled/leaked product by scraping from surfaces. Allow to solidify normally. Clean surfaces with a suitable solvent.

**7. HANDLING AND STORAGE**

<i>Handling</i>	Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Avoid contact with eyes, skin and clothing. Use in well ventilated area.
<i>Storage</i>	Storage area should be: cool. dry. Storage temperature should be controlled to between 5 and 25 °C.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<i>Engineering Control Measures</i>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<i>Respiratory Protection</i>	Respiratory protection not normally required.
<i>Hand Protection</i>	Wear suitable impervious gloves. The insides of gloves must be kept scrupulously clean.
<i>Eye Protection</i>	Wear safety glasses if risks of accidental contamination are possible during application.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<i>Physical State</i>	Paste.
<i>Color</i>	Brownish-red.
<i>Odor</i>	Characteristic.
<i>Flash Point °C</i>	Exceeds 98
<i>Solubility - Water</i>	Insoluble.
<i>Vapor Pressure ( kPa )</i>	Not determined.
<i>Density (kg/m<sup>3</sup>)</i>	Approx. 1.30 at 20 °C.
<i>Viscosity (at 20°C)</i>	Thixotropic paste

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to avoid**

Polymerisation will continue if exposed to: heat.  
Exposure to water or moisture. High temperatures.

**Hazardous Decomposition Products**

carbon oxides (CO, CO<sub>2</sub>) nitrogen oxides (NO, NO<sub>2</sub>...) sulfur oxides (SO<sub>2</sub>, SO<sub>3</sub>...)

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Low order of acute toxicity.

**Eye irritation**

Irritating to the eyes.

**Skin irritation**

Frequent or prolonged skin contact may cause some local short term skin irritation.

**Sensitization - Skin**

The possibility of allergic sensitisation should be considered.

**12. ECOLOGICAL INFORMATION****Mobility**

Because of its high viscosity, low water solubility and low degree of toxicity, this material should not present any environmental problems.

**Ecotoxicity**

This material is harmful to aquatic organisms.

**13. DISPOSAL****Product Disposal**

Dispose of as Special Waste.  
Arrange for disposal via a licensed waste contractor.

**Container Disposal**

Dispose of containers with care.  
Empty containers may contain hazardous residues.  
Empty packaging should be removed by a licensed waste contractor.

**14. TRANSPORT INFORMATION****ADR/RID : Number**

Not Regulated under ADR/RID

**IMDG : Proper shipping name**

Not Regulated under IMDG

**IATA : Proper shipping name**

not Regulated under ICAO

**15. REGULATORY INFORMATION****Label Requirements**

Irritant

**Risk Phrases**

Risk of serious damage to eyes.  
May cause sensitization by skin contact.  
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**Safety Phrases**

Avoid contact with skin.  
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Wear suitable gloves and eye/face protection.

Contains isocyanates. See information supplied by the manufacturer.

**Contains**

Aliphatic Polyisocyanate

**16. OTHER INFORMATION****First Issue Date**

27.09.2000

**Revisions Highlighted**

Composition and Information on Ingredients  
Hazards Identification  
Stability and Reactivity  
Regulatory Information

**Uses and Restrictions**

Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by the use of the product is undertaken.

**UK Legislation**

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.  
SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations, 2002.  
SI 1999/437: The Control of Substances Hazardous to Health Regulations  
SI No. 972/1996: The Special Waste Regulations 1996  
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

**UK Guidance Publications**

EH40, Occupational Exposure Limits, HSE. Revised Annually.  
General Approved Code of Practice to COSHH Regulations, HSE.

**Footnote**

The information contained in this SDS corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to use.