

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKSILC
Product Name	Sikasil - C
Product Description	1-component Silicone based elastomeric sealant
Manufacturer/Supplier	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTSPreparation - Hazardous ingredients (Europe)

Component	Concentration	Classification	Risk Phrases
1) Methoxysilane	2.00%		R22

HAZARD IDENTIFICATION

Main Hazards Not classified as hazardous.

FIRST AID MEASURES

Eye Contact	Wash out eye with plenty of water. Obtain medical attention urgently.
Skin Contact	Wipe off as much as possible with a clean dry cloth. 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. Note presence of methanol.
Inhalation	Remove from exposure.

FIRE FIGHTING MEASURES

Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide.
Special Hazards of Product	Combustion will produce smoke, carbon dioxide and carbon monoxide. See also Section 10.
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

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

**HANDLING AND STORAGE****Handling**

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

Use in well ventilated area. Avoid inhaling vapour.

Avoid contact with eyes, skin and clothing.

Storage

Storage area should be: cool. dry. Storage temperature should be controlled to between 5 and 25 °C.

EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits - GB**

1) Methoxysilane

UK EH40: OES 200ppm 8h TWA.

UK EH40: OES 250ppm 15min STEL. (as methanol)

Can be absorbed through skin.

Engineering Control Measures

Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

Respiratory Protection

Air supplied breathing apparatus if exposures above the hygiene standard are likely.

Hand Protection

Wear suitable impervious gloves.

Eye Protection

Wear safety glasses if risks of accidental contamination are possible during application.

PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Paste.

Color

White. Grey.

Odor

Odourless.

pH

Not applicable.

Flash Point °C

Not applicable.

Solubility - Water

Insoluble.

Vapor Pressure (kPa)

Not determined.

Density (kg/m³)

Approx. 1.47 at 20 °C.

Viscosity (at 20°C)

Thixotropic paste

STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

None known.

Materials to avoid

Oxidising agents. Water.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon. acrid smoke and irritating fumes.

Combustion may also generate: formaldehyde.

TOXICOLOGICAL INFORMATION**Acute toxicity**

Low order of acute toxicity.

Eye irritation

May cause slight transient irritation. (vapour)

Skin irritation

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

**ECOLOGICAL INFORMATION**

<i>Mobility</i>	The product is insoluble in water.
<i>Persistence/degradability</i>	The product is expected to be not readily biodegradable.
<i>Bioaccumulative potential</i>	Product is not expected to bioaccumulate.
<i>Ecotoxicity</i>	The product is expected to be non-hazardous to aquatic species.

DISPOSAL

<i>Product Disposal</i>	Incineration or landfill. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty packaging should be removed by a licensed waste contractor.

TRANSPORT INFORMATION

<i>ADR/RID Substance Identification Number</i>	Not subject to ADR
<i>IMDG : Proper shipping name</i>	Not subject to IMDG
<i>IATA : Proper shipping name</i>	Not subject to ICAO

REGULATORY INFORMATION

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	Avoid contact with skin. Use only in well ventilated areas.

OTHER INFORMATION

<i>First Issue Date</i>	13.10.1999
<i>Revisions Highlighted</i>	Future revisions will incorporate such information as is required but which is not available at this time.
<i>Uses and Restrictions</i>	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.
<i>UK Legislation</i>	Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions. SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993. SI 1999/437: The Control of Substances Hazardous to Health Regulations SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
<i>UK Guidance Publications</i>	Approved Code of Practice - Management of Health and Safety at Work, HSE. General Approved Code of Practice to COSHH Regulations, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually.



SAFETY DATA SHEET

Sikasil - C

Date of issue - 22/03/2001.

SKSILC

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.