

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFX35SL
Product Name	Sikaflex 35SL
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

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

Component	Concentration	Classification	Risk Phrases
1) Isophorondiisocyanate	0.10%-1.00%	T	R23, R36/37/38, R42/43
2) Xylene	1.00%-2.50%	Xn	R10, R20/21, R38
3) Cycloaliphatic amine, blocked	1.00%-2.50%	C	R34
4) 1,2-Benzenedicarboxylic acid, diisodecyl ester	10.00%-25.00%		

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.

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

FIRE FIGHTING MEASURES

Extinguishing Media Use water spray, foam, dry chemical or carbon dioxide.

Special Hazards of Product Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.
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
Spillages**

Try to prevent the material from entering drains or water courses.

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.

Storage

Use in well ventilated area. Avoid contact with eyes, skin and clothing. 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) Isophorondiisocyanate

UK EH40: MEL 0.02mg/m³ 8h TWA.

2) Xylene

UK EH40: MEL 0.07mg/m³ 15min STEL.UK EH40: OES 100ppm (435mg/m³) 8h TWA.

3) 1,2-Benzenedicarboxylic acid, diisodecyl ester

UK EH40: OES 150ppm (650mg/m³) 15min STELUK EH40: OES 5mg/m³ 8h TWA.**Engineering Control Measures**

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

Respiratory Protection

Respiratory protection not normally required.

Hand Protection

PVC or rubber gloves.

Eye Protection

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

PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Paste.

Color

Grey.

Odor

Characteristic.

pH

Not applicable.

Flash Point °C

80

Explosion Limits (%)

Not determined.

Solubility - Water

Insoluble.

Vapor Pressure (kPa)

Negligible vapour pressure at ambient conditions.

Density (kg/m³)

1.4 at 20 °C.

Autoignition Temperature °C

Above 250.

Viscosity (at 20°C)

Viscous liquid at ambient temperatures.

STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Exposure to water or moisture.

Materials to avoid

Amines. Alcohols.

Hazardous Decomposition Products

Reaction with water or moist air may produce: carbon dioxide formation resulting in pressure increase in bulk containers (risk of bursting). Combustion may also generate: oxides of carbon, oxides of nitrogen, chlorine compounds, hydrogen chloride.

**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.
<i>Human Data</i>	Hypersensitive persons may develop asthmatic symptoms and should refrain from working with the product.

ECOLOGICAL INFORMATION

<i>Mobility</i>	Because of its high viscosity, low water solubility and low degree of toxicity, this material should not present any environmental problems.
<i>Ecotoxicity</i>	The product is expected to be non-hazardous to aquatic species.

DISPOSAL

<i>Product Disposal</i>	If possible allow the product to cure naturally in open air. When cured the product may be landfilled. Disposal of bulk quantities and/or containers should be made through an authorised waste contractor.
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TRANSPORT INFORMATION

<i>UN :</i>	<i>UN number</i>	None assigned.
<i>ADR/RID</i>	<i>Substance Identification Number</i>	Non Hazardous
<i>IMDG :</i>	<i>Class</i>	Non Hazardous
<i>IATA :</i>	<i>Class</i>	Non Hazardous

REGULATORY INFORMATION

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	Contains isocyanates. See information supplied by the manufacturer.

OTHER INFORMATION

<i>First Issue Date</i>	21.12.1994
<i>Revisions Highlighted</i>	Composition/Information on the Components Main Hazards Physical and Chemical Properties
<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.



SAFETY DATA SHEET

Sikaflex 35SL

Date of issue - 22/03/2001.

SKFX35SL

UK Guidance Publications

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.

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.