PRODUCT AND COMPANY IDENTIFICATION

Product Code SKFX11FC
Product Name Sikaflex 11FC
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

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) 1,2-Benzenedicarboxylic acid, diisodecyl ester</td>
<td>68515-49-1</td>
<td>10.00% - 25.00%</td>
<td>-</td>
</tr>
<tr>
<td>2) N,N-Dibenzylidene polyoxypropylene diamine</td>
<td></td>
<td>1.00% - 2.50%</td>
<td>C</td>
</tr>
<tr>
<td>3) Xylene</td>
<td>1330-20-7</td>
<td>1.00% - 2.50%</td>
<td>Xn</td>
</tr>
<tr>
<td>4) Isophorondiisocyanate</td>
<td>4098-71-9</td>
<td>0.10% - 1.00%</td>
<td>T, N</td>
</tr>
</tbody>
</table>

HAZARD IDENTIFICATION

Main Hazards Not classified as hazardous.

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.
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
Combustion will release oxides of carbon and nitrogen with possible HCl

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
Use in well ventilated area. 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) Xylene
   UK EH40: OES 50ppm (220mg/m3) 8h TWA.
   UK EH40: OES 100ppm (441mg/m3) 15min STEL.
2) Isophorondiisocyanate
   UK EH40: MEL 0.02mg/m3 8h TWA.
   UK EH40: MEL 0.07mg/m3 15min STEL.
3) 1,2-Benzenedicarboxylic acid, diisodecyl ester
   UK EH40: OES 5mg/m3 8h TWA.
   UK EH40: OES 8mg/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
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
Various

Odor
Characteristic.

pH
Not applicable.

Flash Point °C
Exceeds 65.

Solubility - Water
Insoluble. (Reacts with water)

Density (kg/m3)
1200 at 20 °C.

Viscosity (at 20°C)
Thixotropic paste

STABILITY AND REACTIVITY

Stability
Stable under normal conditions.

Conditions to avoid
Exposure to water or moisture.

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 will generate: oxides of carbon, oxides of nitrogen, hydrogen chloride, toxic nitrogen compounds, irritating fumes.
**Sikaflex 11FC**

**SAFETY DATA SHEET**

Date of issue - 25/06/2002.

### TOXICOLOGICAL INFORMATION

**Acute toxicity**
Low order of acute toxicity.

**Sensitization - Skin**
The possibility of allergic sensitisation should be considered.

**Human Data**
Hypersensitive persons may develop asthmatic symptoms and should refrain from working with the product.

### 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**
The product is expected to be non-hazardous to aquatic species.

### DISPOSAL

**Product Disposal**
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.

### TRANSPORT INFORMATION

**ADR/RID  Substance Identification**
Not regulated under ADR/RID

**Number**

**IMDG : Proper shipping name**
Not Regulated under IMDG

**IATA : Proper shipping name**
Not Regulated under ICAO

### REGULATORY INFORMATION

**Risk Phrases**
None assigned.

**Safety Phrases**
Contains isocyanates. See information supplied by the manufacturer.

Contains: 3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
Aliphatic Polyisocyanate
May produce an allergic reaction

### OTHER INFORMATION

**First Issue Date**
28.09.1994

**Revisions Highlighted**
Composition/Information on the Components
Labelling 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 1999/437: The Control of Substances Hazardous to Health Regulations
SI No 2839  1991 Environmental Protection (Duty of Care) Regulations.

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