

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFX29DC
Product Name	Sikaflex 290DC
Product Description	One component moisture curing polyurethane sealant for marine deck caulking.
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)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Xylene	1330-20-7	1.00% - 2.50%	Xn	R10, R20/21, R38
N,N-Dibenzylidene polyoxypropylene diamine (polymer)		1.00% - 2.50%	C	R34

3. HAZARD IDENTIFICATION

Main Hazards Not classified as hazardous.

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. 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

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.

6. 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.

**7. HANDLING AND STORAGE****Handling**

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

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.

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

Xylene

UK EH40: OES 50ppm (220mg/m³) 8h TWA.

UK EH40: OES 100ppm (441mg/m³) 15min STEL

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.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Paste.

Color

Black.

Odor

Characteristic.

Solubility - Water

Insoluble.

Density (kg/m³)

Approx. 1360 at 20 °C.

Autoignition Temperature °C

Above 250.

Viscosity (at 20°C)

Thixotropic paste

10. 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 may also generate: oxides of carbon. oxides of nitrogen. toxic nitrogen compounds.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Low order of acute toxicity.

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

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



SAFETY DATA SHEET

Sikaflex 290DC

Date of issue - 20/01/2005.

SKFX29DC

13. DISPOSAL

Product Disposal

If possible allow the product to cure naturally in open air. Disposal of bulk quantities and/or containers should be made through an authorised waste contractor.

14. TRANSPORT INFORMATION

ADR/RID : Proper shipping name

Not Regulated under ADR/RID

IMDG : Proper shipping name

Not Regulated under IMDG

IATA : Proper shipping name

Not Regulated under ICAO

15. REGULATORY INFORMATION

Risk Phrases

None assigned.

Safety Phrases

Contains isocyanates. See information supplied by the manufacturer.

16. OTHER INFORMATION

First Issue Date

30.06.1995

Revisions Highlighted

Composition / information on ingredients

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
SI 2002/2677: 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.
Approved Code of Practice - Management of Health and Safety at Work, HSE.

Footnote

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.