

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFL40
Product Name	Sikafloor 400 N Elastic
Product Description	One component polyurethane elastomeric/waterproof coating.
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
Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	2.50% - 10.00%	Xn, N	R10, R51/53, R65, R66, R67
Xylene	1330-20-7	2.50% - 10.00%	Xn	R10, R20/21, R38
Ethyl benzene	100-41-4	1.00% - 2.50%	F, Xn	R11, R20
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	0.10% - 1.00%	Xn, N	R10, R37, R51/53, R65, R66, R67
Isophorondiisocyanate	4098-71-9	0.10% - 1.00%	T, N	R23, R36/37/38, R42/43, R51/53
Pentamethyl piperidylsebazate	41556-26-7	0.10% - 1.00%	Xi, N	R43, R50/53
Methyl 1,2,2,6,6-pentamethyl-4-piperdyl sebacate	82919-37-7	0.10% - 1.00%	Xi, N	R43, R50/53

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. Harmful by inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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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.
Ingestion	Do not induce vomiting. Obtain medical attention urgently.
Inhalation	Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure,obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Not readily combustible. Use foam, dry chemical or carbon dioxide.
Extinguishing Media - Not suitable	Do not use water jet.
Special Hazards of Product	Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.
Protective Equipment for Fire-Fighting	Wear full protective clothing and self-contained breathing apparatus.



SAFETY DATA SHEET

Sikafloor 400 N Elastic

Date of issue - 30/06/2004.

SKFL40

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear appropriate protective clothing.

Eliminate all sources of ignition.

Environmental Precautions and Clean-up

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

Methods

Spillages

Contain and absorb using earth, sand or other inert material.

Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling

Use in well ventilated area.

Avoid contact with eyes, skin and clothing.

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

Storage

Storage area should be: cool, dry.

Storage temperature should be controlled to between 5 and 25 °C.

Store in the original container securely closed. Keep away from foodstuffs

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

Ethyl benzene

UK EH40:OES 100ppm (441mg/M3) 8h TWA

UK EH40:OES 125ppm (552mg/M3) 15min STEL

Isophorondiisocyanate

UK EH40: MEL 0.02mg/m3 8h TWA.

UK EH40: MEL 0.07mg/m3 15min STEL.

Engineering Control Measures

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

Respiratory Protection

Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s).

Hand Protection

Wear suitable impervious gloves. (butyl / nitrile type)

The insides of gloves must be kept scrupulously clean.

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Various

Odor

Faint. Characteristic.

Flash Point °C

49

Solubility - Water

Insoluble.

(reacts with water to form solid)

Density (kg/m3)

Approx. 1630 at 20 °C.

Viscosity (at 20°C)

Typically 2500-3500 (measured as mPa.s)

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

Sources of ignition.

Hazardous Decomposition Products

Heating may produce: oxides of carbon. oxides of nitrogen. toxic fumes. acrid smoke and irritating fumes.



SAFETY DATA SHEET

Sikafloor 400 N Elastic

Date of issue - 30/06/2004.

SKFL40

11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity. Persons known to be hypersensitive (asthma, chronic bronchitis, etc.) should refrain from handling the product.
<i>Eye irritation</i>	Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.

12. 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>Ecotoxicity</i>	This material is harmful to aquatic organisms.

13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>UN : UN number</i>	1263
<i>UN : Proper shipping name</i>	Paint
<i>UN : Packing Group</i>	3
<i>ADR/RID : Number</i>	1263
<i>ADR/RID : Proper shipping name</i>	Paints - flash point between 21°C and 55°C.
<i>ADR/RID : Class</i>	3
<i>ADR/RID : Item Number</i>	31 (c) ; Class code F1
<i>ADR/RID : Hazard Identification Number</i>	30
<i>IMDG : Proper shipping name</i>	Paint.
<i>IMDG : Packing Group</i>	3
<i>IMDG : Class</i>	3.3
<i>IMDG : Ems Number</i>	F-E, S-E
<i>IATA : Proper shipping name</i>	Paint.
<i>IATA : Packing Group</i>	3
<i>IATA : Class</i>	3

15. REGULATORY INFORMATION

<i>Label Requirements</i>	Harmful 
<i>Risk Phrases</i>	Flammable. Harmful by inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<i>Safety Phrases</i>	Use only in well-ventilated areas. Contains isocyanates. See information supplied by the manufacturer.



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Contains

3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
Pentamethyl piperidylsebacate
methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

May produce an allergic reaction.

16. OTHER INFORMATION

First Issue Date

29.06.1995

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. 972/1996: The Special Waste Regulations 1996
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.

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.