

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	SKFL410
<b>Product Name</b>	Sikafloor 410
<b>Product Description</b>	One component polyurethane based sealer
<b>Manufacturer/Supplier</b>	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 )**

<b>Component</b>	<b>CAS/EINECS</b>	<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
Hexamethylenediisocyanate homopolymer	28182-81-2	10.00% - 25.00%	Xi	R43, R42/43
Xylene	1330-20-7	10.00% - 25.00%	Xn	R10, R20/21, R38
Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	10.00% - 25.00%	Xn, N	R10, R51/53, R65, R66, R67
2-Methoxy-1-methylethyl acetate	108-65-6	2.50% - 10.00%	Xi	R10, R36
Ethyl benzene	100-41-4	2.50% - 10.00%	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
Dibutyltin dilaurate	77-58-7	0.10% - 1.00%	Xn, N	R36/38, R48/22, R50/53

**3. HAZARD IDENTIFICATION**

<b>Main Hazards</b>	Flammable Harmful by inhalation and in contact with skin. Irritating to skin. May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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**4. FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
<b>Skin Contact</b>	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.
<b>Ingestion</b>	Do not induce vomiting. Obtain medical attention urgently.
<b>Inhalation</b>	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

<i>Extinguishing Media</i>	Use foam, dry chemical or carbon dioxide.
<i>Extinguishing Media - Not suitable</i>	Do not use water jet.
<i>Special Hazards of Product</i>	Combustion will generate oxides of carbon and nitrogen
<i>Protective Equipment for Fire-Fighting</i>	Wear full protective clothing and self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

<i>Personal Precautions</i>	Wear appropriate protective clothing. Eliminate all sources of ignition.
<i>Environmental Precautions and Clean-up Methods</i>	Try to prevent the material from entering drains or water courses.
<i>Spillages</i>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

## 7. HANDLING AND STORAGE

<i>Handling</i>	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.
<i>Storage</i>	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

<b>Occupational Exposure Limits - GB</b>	
Xylene	UK EH40:WEL 50ppm (220mg/M3) 8h TWA UK EH40:WEL 100ppm (441mg/M3)15min STEL
Ethyl benzene	UK EH40: WEL 100ppm (441mg/M3) 8h TWA UK EH40: WEL 125ppm (552mg/M3) 15min STEL
2-Methoxy-1-methylethyl acetate	UK EH40: WEL 50ppm (274mg/M3) 8h TWA UK EH40: WEL 100ppm (548mg/M3) 15 min STEL
<i>Engineering Control Measures</i>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<i>Respiratory Protection</i>	Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s).
<i>Hand Protection</i>	Wear suitable impervious gloves. (butyl / nitrile type) The insides of gloves must be kept scrupulously clean.
<i>Eye Protection</i>	Chemical goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Liquid.
<i>Color</i>	Clear.
<i>Odor</i>	Solvent like
<i>Flash Point °C</i>	33
<i>Solubility - Water</i>	Insoluble. (reacts with water to form solid)
<i>Density (kg/m3)</i>	Approx. 950 at 20 °C.
<i>Viscosity (at 20°C)</i>	Typically 450 (measured as mPa.s)



# SAFETY DATA SHEET

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### 10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Sources of ignition.
<i>Hazardous Decomposition Products</i>	carbon oxides (CO, CO <sub>2</sub> ) nitrogen oxides (NO, NO <sub>2</sub> ...)

### 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>	Hazardous 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 : Marine Pollutant</i>	P
<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



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### 15. REGULATORY INFORMATION

#### Label Requirements

Harmful



#### Risk Phrases

Flammable.  
Harmful by inhalation and in contact with skin.  
Irritating to skin.  
May cause sensitization by skin contact.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Safety Phrases

Avoid contact with skin.  
Wear suitable protective clothing and gloves.  
Use only in well-ventilated areas.  
  
Contains isocyanates. See information supplied by the manufacturer.

#### Contains

Xylene  
hexamethylenediisocyanate homopolymer

### 16. OTHER INFORMATION

#### First Issue Date

10.06.2003

#### Revisions Highlighted

Composition / information on ingredients  
Toxicological Information  
Disposal.  
Regulatory 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.  
Chemicals (Hazard Information and Packaging) Regulations, 2002.  
SI 1999/437: The Control of Substances Hazardous to Health Regulations  
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.  
SI 2005/ 894 Hazardous waste regulations 2005  
SI 2002/2776: Dangerous Substances and Explosive Atmospheres Regulations  
General Approved Code of Practice to COSHH Regulations, HSE.  
EH40, Occupational Exposure Limits, HSE. Revised Annually.

#### UK Guidance Publications

#### 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.