

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code SKFL36A
Product Name Sikafloor 360 Part A
Product Description Two component self smoothing floor topping based on epoxy-polyurethane.
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) Epoxy resin (No.Av. mol.wt. < 700)	25068-38-6	10.00% 25.00%	Xi, N	R36/38, R43, R51/53
2) Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	1.00% 2.50%	Xn, N	R10, R37, R51/53, R65, R66, R67
3) Tris(2-ethylhexyl) phosphate	78-42-2	10.00% 25.00%	Xi	R36/38

HAZARD IDENTIFICATION

Main Hazards Irritating to eyes and skin.
May cause sensitisation by skin contact.
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 Wash out mouth with water. Obtain medical attention.

Inhalation Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

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 Combustion will produce smoke, carbon dioxide and carbon monoxide.

Protective Equipment for Fire-Fighting Wear full protective clothing and self-contained breathing apparatus.



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ACCIDENTAL RELEASE MEASURES

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<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.

HANDLING AND STORAGE

<i>Handling</i>	Use in well ventilated area. Avoid contact with eyes, skin and clothing.
<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

EXPOSURE CONTROLS/PERSONAL PROTECTION

<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>	Respiratory protection not normally required.
<i>Hand Protection</i>	Wear suitable impervious gloves. The insides of gloves must be kept scrupulously clean.
<i>Eye Protection</i>	Chemical goggles.

PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Liquid.
<i>Color</i>	Grey.
<i>Odor</i>	Faint. Characteristic.
<i>pH</i>	Not applicable.
<i>Flash Point °C</i>	Approx. 85
<i>Solubility - Water</i>	Insoluble.
<i>Density (kg/m3)</i>	Approx. 1300 at 20 °C.
<i>Autoignition Temperature °C</i>	Above 300.
<i>Viscosity (at 20°C)</i>	Approx. 8000 at 20 °C. (measured as mPa.s)

STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Hazardous Decomposition Products</i>	Heating may produce: oxides of carbon. acrid smoke and irritating fumes.

TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Irritating to the eyes.
<i>Skin irritation</i>	May cause sensitisation. Frequent or prolonged skin contact may cause some local short term skin irritation.
<i>Sensitization - Skin</i>	The low molecular weight epoxy resin is a potential skin sensitiser.



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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>	The product may be harmful to aquatic organisms.


DISPOSAL

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

TRANSPORT INFORMATION

<i>ADR/RID Substance Identification Number</i>	Not Regulated under ADR/RID
<i>IMDG : Proper shipping name</i>	Not Regulated under IMDG
<i>IATA : Proper shipping name</i>	Not Regulated under ICAO

REGULATORY INFORMATION

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<i>Safety Phrases</i>	Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed seek medical advice immediately and show this container or label. Use only in well ventilated areas. Contains epoxy constituents. See information supplied by the manufacturer.

OTHER INFORMATION

<i>First Issue Date</i>	22.02.1995
<i>Revisions Highlighted</i>	Main Hazards Regulatory information
<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.



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UK Legislation

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. 972/1996: The Special Waste Regulations 1996
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

Approved Code of Practice - Management of Health and Safety at Work, HSE.
General Approved Code of Practice to COSHH Regulations, HSE.

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.

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFL36B
Product Name	Sikafloor 360 Part B
Product Description	Two component self smoothing floor topping based on epoxy-polyurethane.
Manufacturer/Supplier	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTSPreparation - Hazardous ingredients (Europe)

Component		Concentration	Classification	Risk Phrases
1) 2,4,6-Tri(dimethylaminomethyl) phenol	90-72-2	10.00% - 25.00%	Xn	R22, R36/38
2) Trimethylhexamethylenediamine (cyanethylated)		10.00% 25.00%	C	R22, R34, R43
3) M-phenylebis(methylamine)	1477-55-0	2.50% - 10.00%	C	R20/22, R34, R43, R52/53
4) Trimethylhexamethylene diamine	25620-58-0	2.50% - 10.00%	C	R22, R34, R43, R52/53
5) Phenol	108-95-2	2.50% - 10.00%	T	R24/25, R34
6) Triethylenetetramine	112-24-3	2.50% - 10.00%	C	R21, R34, R43, R52/53

HAZARD IDENTIFICATION

Main Hazards	Causes burns. May cause sensitisation by skin contact. Harmful in contact with skin and if swallowed.
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FIRST AID MEASURES

Eye Contact	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Eyelids should be held away from the eyeball to ensure thorough rinsing. Obtain medical attention urgently.
Skin Contact	Wipe off as much as possible with a clean dry cloth. Wash skin thoroughly with soap and water. If material proves difficult to remove, use suitable skin cleanser (not solvent). 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. 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.



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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.

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	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin and clothing. Mix in a well ventilated area.
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

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

1) Phenol

UK EH40: OES 5ppm (20mg/m³) 8h TWA.
UK EH40: OES 10ppm (39mg/m³) 15min STEL
Can be absorbed through skin.

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. The insides of gloves must be kept scrupulously clean.
Eye Protection	Chemical goggles.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Color	Transparent. Yellow. - Brown.
Odor	Ammoniacal.
pH	Approx. 10 in water. (soluble phase)
Flash Point °C	Exceeds 100.
Solubility - Water	Partially soluble.
Density (kg/m³)	Approx. 1200
Viscosity (at 20°C)	Approx. 3000 at 20 °C. (measured as mPa.s)



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STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Hazardous Decomposition Products</i>	Heating may produce: ammonia. oxides of carbon. oxides of nitrogen. acrid smoke and irritating fumes.

TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	This material is corrosive to the eye.
<i>Skin irritation</i>	This material is corrosive to the skin.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.

ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is sparingly soluble in water.
<i>Persistence/degradability</i>	The product is expected to be not readily biodegradable.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.

DISPOSAL

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

TRANSPORT INFORMATION

<i>UN :</i>	<i>UN number</i>	1760
<i>UN :</i>	<i>Proper shipping name</i>	Corrosive liquid, n.o.s.
<i>UN :</i>	<i>Class</i>	8
<i>UN :</i>	<i>Packing Group</i>	3
<i>ADR/RID</i>	<i>Substance Identification Number</i>	1760
<i>ADR/RID</i>	<i>Proper shipping name</i>	Corrosive liquid, n.o.s. contains Trimethylhexamethylenediamines
<i>ADR/RID</i>	<i>Class</i>	8
<i>ADR/RID</i>	<i>Item Number</i>	66 (c)
<i>ADR/RID</i>	<i>Hazard Identification Number</i>	80
<i>IMDG :</i>	<i>Proper shipping name</i>	Corrosive liquid, N.O.S. contains Trimethylhexamethylenedaimines
<i>IMDG :</i>	<i>Packing Group</i>	3
<i>IMDG :</i>	<i>Class</i>	8
<i>IMDG :</i>	<i>Ems Number</i>	8-15
<i>IMDG :</i>	<i>MFAG Number</i>	760
<i>IATA :</i>	<i>Proper shipping name</i>	Corrosive liquid, N.O.S. contains Trimethylhexamethylenediamines
<i>IATA :</i>	<i>Packing Group</i>	3
<i>IATA :</i>	<i>Class</i>	8



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REGULATORY INFORMATION

Label Requirements

Corrosive



Risk Phrases

Causes burns.
May cause sensitisation by skin contact.
Harmful in contact with skin and if swallowed.

Safety Phrases

Avoid contact with skin.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
After contact with skin, wash immediately with plenty of: soap and water.
Wear suitable protective clothing, gloves and eye/face protection.
In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Use only in well ventilated areas.

OTHER INFORMATION

First Issue Date

22.02.1995

Revisions Highlighted

Composition/Information on the Components

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.

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