



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Sikafloor 2530W Safety Data Sheet

Safety Data Sheet

Product: **Sikafloor 2530W**

Supplier:

Arcon Construction Supplies

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Call **01925 852225** or visit [Arcon Construction Supplies](http://www.arconconstruction.com)
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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFL253A
Product Name	Sikafloor 2530W Part A
Product Description	2-component water dispersed epoxy resin based coating for walls and floors.
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
Polymer from BADGE, PEG, TETA and cresyl glycidyl ether	362679-94-5	10.00% - 25.00%	Xi	R41
Benzyl Alcohol	100-51-6	2.50% -10.00%	Xn	R20/22
Isophoronediamine	2855-13-2	1.00% - 2.50%	C	R21/22, R34, R43, R52/53

3. HAZARD IDENTIFICATION

Main Hazards	Risk of serious damage to eyes. May cause sensitisation by skin contact.
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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. 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. Obtain medical attention if blistering occurs or redness persists. Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion	Do not induce vomiting. Wash out mouth with water. Obtain medical attention urgently.
Inhalation	Remove from exposure. Seek medical attention if you feel unwell.

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	Combustion will produce smoke, carbon dioxide and carbon monoxide.



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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

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.

Storage

Avoid contact with eyes, skin and clothing.

Storage area should be: cool. dry. Protect from extremes of cold. 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

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. (butyl / nitrile)

The insides of gloves must be kept scrupulously clean.

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Various

Odor

Amine like.

pH

Approx. 9

Flash Point °C

Not applicable.

Solubility - Water

Miscible.

Density (kg/m³)

Approx. 1300 at 20 °C.

Viscosity (at 20°C)

Mobile liquid at ambient temperatures.

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

Extremes of temperature.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon acrid smoke and irritating fumes.



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11. TOXICOLOGICAL INFORMATION

<i>Eye irritation</i>	The product should be considered as a severe eye irritant.
<i>Skin irritation</i>	Prolonged contact may cause irritation.
<i>Sensitization - Skin</i>	May cause sensitisation.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	Miscible 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.


13. DISPOSAL

<i>Product Disposal</i>	Hazardous 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.

14. TRANSPORT INFORMATION

<i>ADR/RID : Proper shipping name</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

15. REGULATORY INFORMATION

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Risk of serious damage to eyes. May cause sensitisation by skin contact.
<i>Safety Phrases</i>	Avoid contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.
<i>Contains</i>	3-aminomethyl-3,5,5-trimethylcyclohexylamine

16. OTHER INFORMATION

<i>First Issue Date</i>	10.11.1997
<i>Revisions Highlighted</i>	Composition and Information on Ingredients Disposal.
<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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Sikafloor 2530W Part A

Date of issue - 04/10/2005.

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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.

SI 2005/ 894 Hazardous waste regulations 2005

General Approved Code of Practice to COSHH Regulations, HSE.

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.

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFL253B
Product Name	Sikafloor 2530W Part B
Product Description	2-component water dispersed epoxy resin based coating for walls and floors.
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
Reaction product: bisphenol-A (epichlorohydrin) No.Av.Mol.wt. < 700	25085-99-8	25.00% - 50.00%	Xi, N	R36/38, R43, R51/53
Reaction product: bisphenol-F (epichlorohydrin), Av.Mol wt <700	9003-36-5	10.00% - 25.00%	Xi, N	R36/38, R43, R51/53
oxirane, mono[(C12-14-alkyloxy)methyl]derivs	68609-97-2	2.50% - 10.00%	Xi, N	R36/38, R43, R51/53

3. HAZARD IDENTIFICATION

Main Hazards	Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic 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. 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. Obtain medical attention if blistering occurs or redness persists. 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	Remove from exposure. Seek medical attention if you feel unwell.



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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.
<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.
<i>Storage</i>	Protect from frost 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

<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. (butyl / nitrile) 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>	White.
<i>Odor</i>	Odourless.
<i>Flash Point °C</i>	Not applicable.
<i>Solubility - Water</i>	Miscible.
<i>Density (kg/m³)</i>	Approx. 1100 at 20 °C.
<i>Viscosity (at 20°C)</i>	Mobile liquid at ambient temperatures.

10. STABILITY AND REACTIVITY

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



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11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Irritating to the eyes.
<i>Skin irritation</i>	Prolonged contact may cause irritation.
<i>Sensitization - Skin</i>	The low molecular weight epoxy resin is a potential skin sensitiser.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	Emulsifiable 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>	Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>ADR/RID : Number</i>	3082
<i>ADR/RID : Proper shipping name</i>	Environmentally hazardous substance, liquid, n.o.s. Contains Epoxy Resin
<i>ADR/RID : Class</i>	
<i>ADR/RID : Item Number</i>	11(c) Class M6
<i>IMDG : Proper shipping name</i>	Environmentally hazardous substance, liquid, n.o.s. contains Epoxy Resin
<i>IMDG : Packing Group</i>	3
<i>IMDG : Class</i>	9
<i>IMDG : Ems Number</i>	F-A, S-F
<i>IATA : Proper shipping name</i>	Environmentally hazardous substance, liquid, n.o.s. contains Epoxy Resin
<i>IATA : Packing Group</i>	3
<i>IATA : Class</i>	9

15. REGULATORY INFORMATION

Label Requirements Irritant, Dangerous for the environment



Risk Phrases Irritating to eyes and skin.
May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases Avoid contact with skin.
Wear suitable gloves.
Contains epoxy constituents. See information supplied by the manufacturer.



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Contains

reaction product: bisphenol -(epichlorhydrin) epoxy resin (no av
mol wt <= 700)
oxirane, mono[(C12-14-alkyloxy)methyl]derivs

16. OTHER INFORMATION

First Issue Date

10.11.1997

Revisions Highlighted

Composition and Information on Ingredients
Disposal.

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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