

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFL243A
Product Name	Sikafloor 2430 Part A
Product Description	2-component solvented epoxy resin based protective coating for floors and walls.
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	10.00% - 25.00%	Xn	R10, R20/21, R38
Cyclohexanone	108-94-1	1.00% - 2.50%	Xn	R10, R20
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	1.00% - 2.50%	Xn, N	R10, R37, R51/53, R65, R66, R67
2-Methylpropan-1-ol	78-83-1	2.50% - 10.00%	Xi	R10, R37/38, R41, R67
Naptha (Petroleum)Hydrosulphurised Heavy	64742-82-1	1.00% - 2.50%	Xn, N	R10, R51/53, R65, R66, R67
Ethyl benzene	100-41-4	1.00% - 2.50%	F, Xn	R11, R20

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. Harmful by inhalation and in contact with skin. Irritating to skin. 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	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. Obtain medical attention if blistering occurs or redness persists.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	Remove from exposure. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide. Dry sand may be used on small fires.
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.



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear appropriate protective clothing. Eliminate all sources of ignition.

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

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

Use in well ventilated area. Avoid inhaling vapour.

Avoid contact with eyes, skin and clothing.

Storage

Storage area should be: cool. dry. well ventilated. out of direct sunlight.

Store away from sources of heat or ignition.

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

Cyclohexanone

UK EH40: OES 10ppm 8h TWA.

UK EH40: OES 20ppm 15min STEL

2-Methylpropan-1-ol

UK EH40: OES 50ppm (154mg/m³) 8h TWA.

UK EH40: OES 75ppm (231mg/m³) 15min STEL

Ethyl benzene

UK EH40: OES 100ppm (441mg/m³) 8h TWA.

UK EH40: OES 125ppm (552mg/m³) 15min STEL

Engineering Control Measures

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

Respiratory Protection

Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.

Respiratory protection if there is a risk of exposure to high vapour concentrations.

Hand Protection

Wear suitable impervious gloves. (butyl / nitrile type)

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Various

Odor

Solvent

Flash Point °C

25

Solubility - Water

Immiscible.

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.

Contains volatile solvent.

Conditions to avoid

Sources of ignition.

Extremes of temperature.

Hazardous Decomposition Products

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



11. TOXICOLOGICAL INFORMATION

Acute toxicity

Low order of acute toxicity.
Excessive exposure may produce anaesthetic or narcotic effects.

Eye irritation

Liquid and vapour can cause irritation on contact and at high concentrations.

Skin irritation

Frequent skin contact may cause irritation and defatting due to the solvent content.
Harmful by absorption through the skin.

12. ECOLOGICAL INFORMATION

Mobility

The product is insoluble in water.

Persistence/degradability

The product is expected to be not readily biodegradable.

Ecotoxicity

This material is harmful to aquatic organisms.

13. DISPOSAL

Product Disposal

Dispose of as Special Waste.
Arrange for disposal via a licensed waste contractor.

Container Disposal

Dispose of containers with care. Empty containers may contain hazardous residues.
Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

UN :	UN number	1263
UN :	Proper shipping name	Paint
UN :	Class	3.3
UN :	Packing Group	3
ADR/RID :	Proper shipping name	Paints - flash point between 21°C and 55°C.
ADR/RID :	Class	3
ADR/RID :	Item Number	31c
ADR/RID :	Hazard Identification Number	30
IMDG :	Proper shipping name	Paint.
IMDG :	Packing Group	3
IMDG :	Class	3.3
IMDG :	Ems Number	3-05
IATA :	Proper shipping name	Paint.
IATA :	Packing Group	3
IATA :	Class	3

15. REGULATORY INFORMATION

Label Requirements

Harmful



Risk Phrases

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



SAFETY DATA SHEET

Sikafloor 2430 Part A

Date of issue - 24/04/2002.

SKFL243A

Safety Phrases

Wear suitable protective clothing and gloves.
Use only in well-ventilated areas.

16. OTHER INFORMATION

First Issue Date

10.11.1997

Revisions Highlighted

Main Hazards
R Phrases
S Phrases
Exposure controls/personal protection

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. 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.

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFL243B
Product Name	Sikafloor 2430 Part B
Product Description	2-component solvented epoxy resin based protective coating for floors and walls.
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
1 methoxy-2-propanol	107-98-2	25.00% - 50.00%	-	R10
Xylene	1330-20-7	10.00% - 25.00%	Xn	R10, R20/21, R38
Diethylenetriamine	111-40-0	2.50% - 10.00%	C	R21/22, R34, R43
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	2.50% - 10.00%	Xn, N	R10, R37, R51/53, R65, R66, R67
Ethyl benzene	100-41-4	2.50% - 10.00%	F, Xn	R11, R20
2-Methylpropan-1-ol	78-83-1	2.50% - 10.00%	Xi	R10, R37/38, R41, R67
Trimethylhexamethylene diamine	25620-58-0	1.00% - 2.50%	C	R22, R34, R43, R52/53

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. Harmful by inhalation and in contact with skin. 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.
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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	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. Obtain medical attention if blistering occurs or redness persists.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	Remove from exposure. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide. Dry sand may be used on small fires.
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.



SAFETY DATA SHEET

Sikafloor 2430 Part B

Date of issue - 14/02/2002.

SKFL243B

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear appropriate protective clothing. Eliminate all sources of ignition.

Environmental Precautions and Clean-up Methods Spillages

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

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

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 inhaling vapour.

Avoid contact with eyes, skin and clothing.

Storage

Storage area should be: cool. dry. well ventilated. out of direct sunlight.

Store away from sources of heat or ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

Xylene

UK EH40: OES 100ppm (441mg/m³) 8h TWA.

UK EH40: OES 150ppm (662mg/m³) 15min STEL

Ethyl benzene

UK EH40: OES 100ppm (441mg/m³) 8h TWA.

UK EH40: OES 125ppm (552mg/m³) 15min STEL

1 methoxy-2-propanol

UK EH40: OES 100ppm (375mg/m³) 8h TWA.

UK EH40: OES 300ppm (1120mg/m³) 15min STEL

2-Methylpropan-1-ol

UK EH40: OES 50ppm (154mg/m³) 8h TWA.

UK EH40: OES 75ppm (231mg/m³) 15min STEL

Diethylenetriamine

UK EH40: OES 1ppm (4.3mg/m³) 8h TWA.

Engineering Control Measures

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

Respiratory Protection

Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits.

Respiratory protection if there is a risk of exposure to high vapour concentrations.

Hand Protection

Wear suitable impervious gloves.

Eye Protection

Chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Clear.

Odor

Ammoniacal.

pH

11 at 50 % w/w in water.

Flash Point °C

26

Solubility - Water

Partially soluble.

Density (kg/m³)

Approx. 1000 at 20 °C.

Viscosity (at 20°C)

Mobile liquid at ambient temperatures.



SAFETY DATA SHEET

Sikafloor 2430 Part B

Date of issue - 14/02/2002.

SKFL243B

10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions. Contains volatile solvent.
<i>Conditions to avoid</i>	Sources of ignition. Extremes of temperature.
<i>Hazardous Decomposition Products</i>	Combustion will generate: oxides of carbon. oxides of nitrogen. acid smoke and irritating fumes.

11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity. Excessive exposure may produce anaesthetic or narcotic effects.
<i>Eye irritation</i>	Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	Frequent skin contact may cause irritation and defatting due to the solvent content.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	A major part of the product will dissolve slowly 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>	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.

14. TRANSPORT INFORMATION

<i>UN :</i>	<i>UN number</i>	1263
<i>UN :</i>	<i>Proper shipping name</i>	Paint
<i>UN :</i>	<i>Class</i>	3.3
<i>UN :</i>	<i>Packing Group</i>	3
<i>ADR/RID :</i>	<i>Number</i>	1263
<i>ADR/RID :</i>	<i>Proper shipping name</i>	Paints - flash point between 21°C and 55°C.
<i>ADR/RID :</i>	<i>Class</i>	3
<i>ADR/RID :</i>	<i>Item Number</i>	31c
<i>ADR/RID :</i>	<i>Hazard Identification Number</i>	30
<i>IMDG :</i>	<i>Proper shipping name</i>	Paint.
<i>IMDG :</i>	<i>Packing Group</i>	3
<i>IMDG :</i>	<i>Class</i>	3.3
<i>IMDG :</i>	<i>Ems Number</i>	3-05
<i>IMDG :</i>	<i>MFAG Number</i>	310 313
<i>IATA :</i>	<i>Proper shipping name</i>	Paint.
<i>IATA :</i>	<i>Packing Group</i>	3
<i>IATA :</i>	<i>Class</i>	3



15. REGULATORY INFORMATION

Label Requirements

Harmful



Risk Phrases

Flammable.
Harmful by inhalation and in contact with skin.
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.

Safety Phrases

Do not breathe gas/fumes/vapour/spray.
Avoid contact with skin.
In case of insufficient ventilation, wear suitable respiratory equipment.
Use only in well ventilated areas.
If swallowed seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

First Issue Date

10.11.1997

Revisions Highlighted

Main Hazards
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.
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

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