

**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

COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component		Concentration	Classification	Risk Phrases
1) Xylene	1330-20-7	10.00% - 25.00%	Xn	R10, R20/21, R38
2) Cyclohexanone	108-94-1	1.00% - 2.50%	Xn	R10, R20
3) Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	1.00% - 2.50%	Xn, N	R10, R37, R51/53, R65, R66, R67
4) 2-Methylpropan-1-ol	78-83-1	2.50% - 10.00%	Xi	R10, R37/38, R41, R67
5) Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	1.00% - 2.50%	Xn, N	R10, R51/53, R65, R66, R67
6) Ethyl benzene	100-41-4	1.00% - 2.50%	F, Xn	R11, R20

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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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.



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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.

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.

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.
Storage	Avoid contact with eyes, skin and clothing. Storage area should be: cool, dry, well ventilated, out of direct sunlight. Store away from sources of heat or ignition.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB	
1) Xylene	UK EH40: OES 50ppm (220mg/m ³) 8h TWA. UK EH40: OES 100ppm (441mg/m ³) 15min STEL
2) Cyclohexanone	UK EH40: OES 10ppm 8h TWA. UK EH40: OES 20ppm 15min STEL
3) 2-Methylpropan-1-ol	UK EH40: OES 50ppm (154mg/m ³) 8h TWA. UK EH40: OES 75ppm (231mg/m ³) 15min STEL
4) Ethyl benzene	UK EH40: OES 100ppm (441mg/m ³) 8h TWA. UK EH40: OES 125ppm (552mg/m ³) 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.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Color	Various
Odor	Solvent
pH	Not applicable.
Flash Point °C	25
Solubility - Water	Immiscible.
Density (kg/m³)	Approx. 1300 at 20 °C.
Viscosity (at 20°C)	Mobile liquid at ambient temperatures.



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STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Contains volatile solvent. Sources of ignition. Extremes of temperature.
Hazardous Decomposition Products	Combustion will generate: oxides of carbon, acrid smoke and irritating fumes.

TOXICOLOGICAL INFORMATION

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

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.

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.

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



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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 Phrases

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

OTHER INFORMATION

First Issue Date

10.11.1997

Revisions Highlighted

Main Hazards
R Phrases
S Phrases

Uses and Restrictions

Exposure controls/personal protection
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.

**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

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

Component		Concentration	Classification	Risk Phrases
1) 1 methoxy-2-propanol	107-98-2	25.00% - 50.00%	-	R10
2) Xylene	1330-20-7	10.00% - 25.00%	Xn	R10, R20/21, R38
3) Diethylenetriamine	111-40-0	2.50% - 10.00%	C	R21/22, R34, R43
4) Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	2.50% - 10.00%	Xn, N	R10, R37, R51/53, R65, R66, R67
5) Ethyl benzene	100-41-4	2.50% - 10.00%	F, Xn	R11, R20
6) 2-Methylpropan-1-ol	78-83-1	2.50% - 10.00%	Xi	R10, R37/38, R41, R67
7) Trimethylhexamethylene diamine	25620-58-0	1.00% - 2.50%	C	R22, R34, R43, R52/53

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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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.



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Sikafloor 2430 Part B

Date of issue - 14/02/2002.

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

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.

HANDLING AND STORAGE

Handling	Exposure by inhalation or skin contact should be minimised by good Industrial Hygienic 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.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

1) Xylene	UK EH40: OES 100ppm (441mg/m ³) 8h TWA. UK EH40: OES 150ppm (662mg/m ³) 15min STEL
2) Ethyl benzene	UK EH40: OES 100ppm (441mg/m ³) 8h TWA. UK EH40: OES 125ppm (552mg/m ³) 15min STEL
3) 1 methoxy-2-propanol	UK EH40: OES 100ppm (375mg/m ³) 8h TWA. UK EH40: OES 300ppm (1120mg/m ³) 15min STEL
4) 2-Methylpropan-1-ol	UK EH40: OES 50ppm (154mg/m ³) 8h TWA. UK EH40: OES 75ppm (231mg/m ³) 15min STEL
5) Diethylenetriamine	UK EH40: OES 1ppm (4.3mg/m ³) 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.

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.



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Sikafloor 2430 Part B

Date of issue - 14/02/2002.

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STABILITY AND REACTIVITY

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

TOXICOLOGICAL INFORMATION

Acute toxicity	Low order of acute toxicity.
Eye irritation	Excessive exposure may produce anaesthetic or narcotic effects. 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.
Sensitization - Skin	The possibility of allergic sensitisation should be considered.

ECOLOGICAL INFORMATION

Mobility	A major part of the product will dissolve slowly in water.
Persistence/degradability	The product is expected to be not readily biodegradable.
Ecotoxicity	The product may be harmful to aquatic organisms.

DISPOSAL

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

TRANSPORT INFORMATION

UN :	UN number	1263
UN :	Proper shipping name	Paint
UN :	Class	3.3
UN :	Packing Group	3
ADR/RID	Substance Identification Number	1263
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
IMDG :	MFAG Number	310 313
IATA :	Proper shipping name	Paint.
IATA :	Packing Group	3



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IATA : Class

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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.
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.

Safety Phrases

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

General Approved Code of Practice to COSHH Regulations, HSE.
EH40, Occupational Exposure Limits, HSE. Revised Annually.

Footnote

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