

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKFL261A
Product Name	Sikafloor 261 Part A
Product Description	2-component epoxy resin binder for seamless floor coatings.
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
Epoxy resin (No.Av. mol.wt. < 700)	25068-38-6	25.00% - 50.00%	Xi, N	R36/38, R43, R51/53
Aliphatic glycidyl ether	68609-97-2	2.50% - 10.00%	Xi, N	R38, R43, R51/53
p-tert.-Butylphenylglycidylether	3101-60-8	0.10% - 1.00%	Xi, N	R36/38, R43, R51/53
Stoddard solvent	8052-41-3	0.10% - 1.00%	Xn, N	R10, R51/53, R65, R66
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	0.10% - 1.00%	Xn, N	R10, R37, R51/53, R65, R66, R67

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. 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.

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.
Protective Equipment for Fire-Fighting	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>	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 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>	Various
<i>Odor</i>	Characteristic.
<i>Flash Point °C</i>	Exceeds 100.
<i>Solubility - Water</i>	Insoluble.
<i>Density (kg/m³)</i>	Approx. 1520 at 20 °C.
<i>Viscosity (at 20°C)</i>	Typically 4500-6000 (measured as mPa.s)

10. 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.

11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	The product will be a moderate eye irritant.
<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>	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>	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 : UN 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>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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Sikafloor 261 Part A

Date of issue - 30/05/2003.

SKFL261A

16. OTHER INFORMATION

<i>First Issue Date</i>	08.07.1998
<i>Revisions Highlighted</i>	Composition/Information on the Components Transport 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.
<i>UK Legislation</i>	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.
<i>UK Guidance Publications</i>	General Approved Code of Practice to COSHH Regulations, HSE.
<i>Footnote</i>	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	SKFL261B
Product Name	Sikafloor 261 Part B
Product Description	2-component epoxy resin binder for seamless floor coatings.
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
Benzyl Alcohol	100-51-6	25.00% - 50.00%	Xn	R20/22
Isophoronediamine	2855-13-2	10.00% - 25.00%	C	R21/22, R34, R43, R52/53
M-phenylebis(methylamine)	1477-55-0	10.00% - 25.00%	C	R20/22, R34, R43, R52/53
Dodecylphenol, branched	121158-58-5	2.50% - 10.00%	C, N	R35, R50/53
Ethanol	64-17-5	2.50% - 10.00%	F	R11
2,4,6-Tri(dimethylaminomethyl) phenol	90-72-2	2.50% - 10.00%	Xn	R22, R36/38
Trimethylhexamethylenediamine (cyanethylated)		1.00% - 2.50%	C	R22, R34, R43

3. HAZARD IDENTIFICATION

Main Hazards	Flammable. Causes burns. May cause sensitisation by skin contact. Harmful by inhalation and if swallowed. 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. 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. 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. Have victim drink 1-3 glasses of water to dilute stomach contents. 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.

**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 produce smoke, carbon dioxide and carbon monoxide. See also Section 10.
<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>	Mix in a 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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Occupational Exposure Limits - GB**

Ethanol	UK EH40: OES 1000ppm (1920mg/m ³) 8h TWA.
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<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>	If limits are exceeded use an approved respirator suitable for the purpose.
<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>	Light Yellow.
<i>Odor</i>	Ammoniacal.
<i>Flash Point °C</i>	39
<i>Solubility - Water</i>	Partially soluble in water.
<i>Density (kg/m³)</i>	Approx. 1000 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>Hazardous Decomposition Products</i>	Heating may produce: oxides of carbon. oxides of nitrogen. ammonia. acid smoke and irritating fumes.

11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	This material is corrosive to the skin. May cause allergic reactions to certain individuals.

12. 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>	This material is 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>	2924
<i>UN :</i>	<i>Class</i>	3
<i>UN :</i>	<i>Packing Group</i>	3
<i>ADR/RID :</i>	<i>Number</i>	2924
<i>ADR/RID :</i>	<i>Proper shipping name</i>	Flammable liquid, corrosive, n.o.s.
<i>ADR/RID :</i>	<i>Class</i>	contains Ethanol, Isophorone diamine.
<i>ADR/RID :</i>	<i>Item Number</i>	33(c)
<i>IMDG :</i>	<i>Proper shipping name</i>	Flammable liquid, corrosive, N.O.S.
<i>IMDG :</i>	<i>Packing Group</i>	contains Ethanol, isophorone diamine
<i>IMDG :</i>	<i>Class</i>	3
<i>IMDG :</i>	<i>Marine Pollutant</i>	3
<i>IMDG :</i>	<i>Ems Number</i>	P
<i>IATA :</i>	<i>Proper shipping name</i>	3-02
<i>IATA :</i>	<i>Packing Group</i>	Flammable liquid, corrosive, N.O.S.
<i>IATA :</i>	<i>Class</i>	3
<i>IATA :</i>	<i>Class</i>	3

**15. REGULATORY INFORMATION****Label Requirements**

Corrosive, Dangerous for the environment

**Risk Phrases**

Flammable.
Causes burns.
May cause sensitisation by skin contact.
Harmful by inhalation and if swallowed.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

Avoid contact with skin.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing, gloves and eye/face protection.
If swallowed seek medical advice immediately and show this container or label.
Use only in well ventilated areas.

16. OTHER INFORMATION**First Issue Date**

08.07.1998

Revisions Highlighted

Main Hazards
Physical and Chemical Properties
Toxicological Information
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. 972/1996: The Special Waste Regulations 1996
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

EH40, Occupational Exposure Limits, HSE. Revised Annually.
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**

<i>Product Code</i>	SKFL261C
<i>Product Name</i>	Sikafloor 261 Part C
<i>Product Description</i>	Silica aggregate for use with Sikafloor 261
<i>Manufacturer/Supplier</i>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTS

<i>Hazardous Components in Product</i>	The product does not contain any substances classified as hazardous under current regulations.
<i>Chemical Characteristic</i>	A dry blend of graded silica aggregates.

HAZARD IDENTIFICATION

<i>Main Hazards</i>	Respirable dusts could if inhaled over a prolonged period constitute a health hazard.
<i>Health Effects - Eyes</i>	Dust will cause transient irritation by abrasion.
<i>Health Effects - Inhalation</i>	Exposure to dust at high concentrations may have the following effects:- severe irritation of nose, throat and respiratory tract.

FIRST AID MEASURES

<i>Eye Contact</i>	Wash out eye with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Obtain medical attention if soreness or redness persists.
<i>Skin Contact</i>	Wash skin with soap and water.
<i>Ingestion</i>	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
<i>Inhalation</i>	Remove from exposure.

FIRE FIGHTING MEASURES

<i>Extinguishing Media</i>	Not combustible. Select extinguishing agent appropriate to other materials involved.
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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>	Avoid creating a dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.



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Sikafloor 261 Part C

Date of issue - 22/03/2001.

SKFL261C

HANDLING AND STORAGE

Handling

Use in well ventilated area. Avoid creating a dust. Inhalation should be avoided, but would not normally present a problem, since the respirable fraction of the silica sand present is so low, however suitable dust masks should be worn as a further safeguard.

Storage

Storage area should be: dry.
Store in original containers.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

The product should be considered as a 'nuisance dust'. Exposure should be controlled to the minimum that is reasonably practicable and should not exceed 10mg/m³ 8-hour TWA for inhalable dust.

Engineering Control Measures

Every effort should be made to prevent airborne dusts arising during mixing operations.
Exposure should be kept as low as reasonably practicable by the application of hygiene principles and appropriate techniques.

Respiratory Protection

Good ventilation should be provided to keep airborne dust levels below exposure limits.

Hand Protection

If limits are exceeded use an approved dust mask.
Wear suitable impervious gloves.

Eye Protection

Dust tight goggles.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Sand,dry,granular.

Color

Brown.

Odor

None.

pH

Not applicable.

Flash Point °C

Not applicable.

Solubility - Water

Insoluble.

Density (kg/m³)

Approx. 1.5. (measured as kg/litre) (loose)

Flammability

Not combustible.

STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

None known.

Materials to avoid

None known.

Hazardous Decomposition Products

None.

TOXICOLOGICAL INFORMATION

Eye irritation

May cause slight transient irritation.

Skin irritation

Frequent or prolonged skin contact may cause some local short term skin irritation.



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Sikafloor 261 Part C

Date of issue - 22/03/2001.

SKFL261C

ECOLOGICAL INFORMATION

Mobility The product is insoluble in water.
Persistence/degradability The product is resistant to biodegradation.

DISPOSAL

Product Disposal As an inert material it may be disposed of via an approved solid waste disposal facility.
Container Disposal Empty packaging may be disposed along with normal builders waste via an authorised waste contractor.

TRANSPORT INFORMATION

UN : **UN number** None assigned.
UN : **Proper shipping name** Not listed.
ADR/RID **Substance Identification Number** Not listed.
ADR/RID **Proper shipping name** Not Hazardous
IMDG : **Proper shipping name** Not listed.

REGULATORY INFORMATION

Risk Phrases None assigned.
Safety Phrases None assigned.

However the following are given as advisory:
Do not breathe dust.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

OTHER INFORMATION

First Issue Date 14.12.1999
Revisions Highlighted Future revisions will incorporate such information as is required but which is not available at this time.
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 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.
HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.
EH44, Dust in the Workplace: General Principles of Protection, HSE.



SAFETY DATA SHEET
Sikafloor 261 Part C

Date of issue - 22/03/2001.

SKFL261C

Footnote

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