

**1. PRODUCT AND COMPANY IDENTIFICATION**

|                              |  |
|------------------------------|--|
| <i>Product Code</i>          | SKFLSF5A   |
| <i>Product Name</i>          | Sikafloor Level 5 Part A   |
| <i>Product Description</i>   | 2 component cementitious Self Smoothing compound   |
| <i>Manufacturer/Supplier</i> | Sika Limited<br>Watchmead<br>Welwyn Garden City<br>Hertfordshire.<br>AL7 1BQ<br>tel. 01707 394444<br>Fax. 01707 329129 |

**2. COMPOSITION/INFORMATION ON THE COMPONENTS**

|                                |  |
|--------------------------------|--|
| <i>Hazardous ingredients</i>   | The product does not contain any substances classified as hazardous under current regulations. |
| <i>Chemical Characteristic</i> | Aqueous dispersion of a styrene butadiene copolymer  |

**3. HAZARD IDENTIFICATION**

|                     |                              |
|---------------------|------------------------------|
| <i>Main Hazards</i> | Not classified as hazardous. |
|---------------------|------------------------------|

**4. FIRST AID MEASURES**

|                     |  |
|---------------------|--|
| <i>Eye Contact</i>  | Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open.<br>Eyelids should be held away from the eyeball to ensure thorough rinsing.<br>Obtain medical attention if soreness or redness persists. |
| <i>Skin Contact</i> | Wash skin thoroughly with soap and water.<br>If material proves difficult to remove, use suitable skin cleanser (not solvent).<br>Contaminated clothing should be washed or dry-cleaned before re-use.                                 |
| <i>Ingestion</i>    | Do not induce vomiting. Wash out mouth with water.<br>If vomiting occurs naturally, rinse mouth and repeat administration of water.<br>Obtain medical attention.   |
| <i>Inhalation</i>   | Remove from exposure.<br>Unlikely to occur. However provide symptomatic medical treatment if required.   |

**5. FIRE FIGHTING MEASURES**

|   |   |
|---|---|
| <i>Extinguishing Media</i>                    | Not combustible.<br>Select extinguishing agent appropriate to other materials involved. |
| <i>Special Hazards of Product</i>             | Combustion will produce smoke, carbon dioxide and carbon monoxide.                      |
| <i>Protective Equipment for Fire-Fighting</i> | Wear self contained breathing apparatus.  |



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### 6. ACCIDENTAL RELEASE MEASURES

|   |  |
|---|--|
| <i>Personal Precautions</i>                           | Wear appropriate protective clothing.  |
| <i>Environmental Precautions and Clean-up Methods</i> | Prevent the material from entering drains or water courses.  |
| <i>Spillages</i>                                      | Contain and absorb using earth, sand or other inert material.<br>Transfer into suitable containers for recovery or disposal. |

### 7. HANDLING AND STORAGE

|                 |  |
|-----------------|--|
| <i>Handling</i> | Use in well ventilated area.<br>Avoid contact with eyes, skin and clothing.<br>Keep container tightly closed when not in use.  |
| <i>Storage</i>  | Storage area should be: cool. dry.<br>Store in original containers. Protect from extremes of cold.<br>Storage temperature should be controlled to between 5 and 25 °C. |

### 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.   |
| <i>Eye Protection</i>               | Wear safety glasses if risks of accidental contamination are possible during application.      |

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |   |
|----------------------------|---|
| <i>Physical State</i>      | Liquid.                                     |
| <i>Color</i>               | Milky-white.                                |
| <i>Odor</i>                | Characteristic.                             |
| <i>pH</i>                  | Approx. 8.0                                 |
| <i>Boiling Point °C</i>    | 100   |
| <i>Flash Point °C</i>      | Not applicable.                             |
| <i>Solubility - Water</i>  | Miscible in water.                          |
| <i>Density (kg/m3)</i>     | Approx. 1000 at 20 °C.                      |
| <i>Viscosity (at 20°C)</i> | Less than 100 at 20 °C. (measured as mPa.s) |

### 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <i>Stability</i>                        | Stable under normal conditions.   |
| <i>Conditions to avoid</i>              | Protect from frost  |
| <i>Materials to avoid</i>               | None under normal conditions.   |
| <i>Hazardous Decomposition Products</i> | After evaporation of water, combustion will generate: 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>  | May cause slight transient irritation.  |
| <i>Skin irritation</i> | Frequent or prolonged skin contact may cause some local short term skin irritation. |

### 12. ECOLOGICAL INFORMATION

|                                  |  |
|----------------------------------|--|
| <i>Mobility</i>                  | Mobile liquid. Emulsifiable in water.                |
| <i>Persistence/degradability</i> | The product is expected to be readily biodegradable. |
| <i>Ecotoxicity</i>               | The product may be harmful to aquatic organisms.     |

### 13. DISPOSAL

|                           |   |
|---------------------------|---|
| <i>Product Disposal</i>   | Arrange for disposal via a licensed waste contractor.   |
| <i>Container Disposal</i> | Dispose of containers with care.<br>Empty packaging should be removed by a licensed waste contractor. |

### 14. TRANSPORT INFORMATION

|                                    |                             |
|------------------------------------|-----------------------------|
| <i>ADR/RID : 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    |

### 15. REGULATORY INFORMATION

|                       |                |
|-----------------------|----------------|
| <i>Risk Phrases</i>   | None assigned. |
| <i>Safety Phrases</i> | None assigned. |

### 16. OTHER INFORMATION

|                              |  |
|------------------------------|--|
| <i>First Issue Date</i>      | 28.11.2002   |
| <i>Revisions Highlighted</i> | Future revisions will incorporate such information as is required but which is not available at this time.   |
| <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.<br>SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations, 1993.<br>SI 1999/437: The Control of Substances Hazardous to Health Regulations<br>SI No 2839 1991 Environmental Protection (Duty of Care) Regulations. |



## SAFETY DATA SHEET Sikafloor Level 5 Part A

Date of issue - 05/08/2003.

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***UK Guidance Publications***

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

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SKFLSF5B  
**Product Name** Sikafloor Level 5 Part B  
**Product Description** 2 component cementitious Self Smoothing compound  
**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 |
|-------------------|------------|-----------------|----------------|--------------|
| Portland Cement   | 65997-15-1 | 10.00% - 25.00% | Xi             | R41          |
| Calcium carbonate | 1317-65-3  | 25.00% - 50.00% | -              | -            |

**3. HAZARD IDENTIFICATION**

**Main Hazards** Risk of serious damage to eyes.  
**Health Effects - Inhalation** Exposure to dust at high concentrations may have the following effects:-  
irritation of nose, throat and respiratory tract.  
Respirable dusts if inhaled over a prolonged period could constitute a health hazard.

**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.  
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.

**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 combustible.  
Select extinguishing agent appropriate to other materials involved.



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## Sikafloor Level 5 Part B

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Wear appropriate protective clothing.

**Spillages**

Avoid creating a dust.  
Sweep up into suitable containers for recovery or disposal.

### 7. HANDLING AND STORAGE

**Handling**

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

**Storage**

Use in well ventilated area.  
Storage area should be: cool. dry.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits - GB**

Portland Cement

UK EH40: OES 10mg/m<sup>3</sup> 8h TWA. Dust, total inhalable:

UK EH40: OES 4mg/m<sup>3</sup> 8h TWA. Dust, respirable:

Calcium carbonate

UK EH40: OES 10mg/m<sup>3</sup> 8h TWA, Dust, total inhalable

UK EH40: OES 4mg/m<sup>3</sup> 8h TWA, Dust, respirable

**Engineering Control Measures**

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

Every effort should be made to prevent airborne dusts arising during mixing operations.

If limits are exceeded use an approved dust mask.

**Respiratory Protection**

Wear suitable impervious gloves.

**Hand Protection**

Dust tight goggles.

**Eye Protection**

**Body Protection**

Protective clothing should be worn which ensures that cementitious materials do not come into contact with the skin. Particular care should be taken to ensure that wet mortar does not enter boots/footwear.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State**

Powder.

**Color**

Grey.

**Odor**

None.

**pH**

Approx. 12 in water.

**Solubility - Water**

Partially soluble.

**Density (kg/m<sup>3</sup>)**

Approx. 1300. (loose)

### 10. STABILITY AND REACTIVITY

**Stability**

Stable under normal conditions.

**Materials to avoid**

Strong mineral acids.

**Hazardous Decomposition Products**

None known.



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### 11. TOXICOLOGICAL INFORMATION

|                        |   |
|------------------------|---|
| <i>Acute toxicity</i>  | Low order of acute toxicity.  |
| <i>Eye irritation</i>  | Cement is a severe eye irritant.<br>Gross exposures or untreated mild exposures can lead to chemical burning and ulceration of the eye. |
| <i>Skin irritation</i> | Frequent or prolonged skin contact may cause some local short term skin irritation.   |

### 12. ECOLOGICAL INFORMATION

|                                  |   |
|----------------------------------|---|
| <i>Mobility</i>                  | The product is sparingly soluble in water.                      |
| <i>Persistence/degradability</i> | Inorganic basis, therefore non biodegradable.                   |
| <i>Ecotoxicity</i>               | The product is expected to be non-hazardous to aquatic species. |


### 13. DISPOSAL

|                           |   |
|---------------------------|---|
| <i>Product Disposal</i>   | Dispose of as Special Waste.<br>As an inert material it may be disposed of via an approved solid waste disposal facility. |
| <i>Container Disposal</i> | Empty packaging may be disposed along with normal builders waste via an authorised waste contractor.                      |

### 14. TRANSPORT INFORMATION

|                                       |                              |
|---------------------------------------|------------------------------|
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| <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<br>  |
| <i>Risk Phrases</i>       | Risk of serious damage to eyes.  |
| <i>Safety Phrases</i>     | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>Wear suitable gloves and eye/face protection.<br>Use only in well-ventilated areas. |

### 16. OTHER INFORMATION

|                              |  |
|------------------------------|--|
| <i>First Issue Date</i>      | 28.11.2002   |
| <i>Revisions Highlighted</i> | Future revisions will incorporate such information as is required but which is not available at this time.   |
| <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. |



## SAFETY DATA SHEET

### Sikafloor Level 5 Part B

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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, 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**

SI No. 972/1996: The Special Waste Regulations 1996  
General Approved Code of Practice to COSHH Regulations, HSE.  
EH40, Occupational Exposure Limits, HSE. Revised Annually.  
EH44, Dust in the Workplace: General Principles of Protection, HSE.

EH26, Occupational Skin Diseases: Health and Safety Precautions, HSE.

CONIAC Health Hazard Information Sheet No.26 (Cement)

#### **Footnote**

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