

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SKFLAS  
**Product Name** Sikafloor Armorshield  
**Product Description** Dry Shake Floor Hardener  
**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

**3. HAZARD IDENTIFICATION**

**Main Hazards** Risk of serious damage to eyes.

**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.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Wear appropriate protective clothing.

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



# SAFETY DATA SHEET

## Sikafloor Armorshield

Date of issue - 28/11/2002.

SKFLAS

### 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:

#### 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

#### Hand Protection

Wear suitable impervious gloves.

#### Eye Protection

Dust tight goggles.

#### 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

Granular Powder.

#### Color

Various

#### Odor

None.

#### pH

Approx. 12 in water.

#### Solubility - Water

Partially soluble.

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

Approx. 2000. (loose bulk )

### 10. STABILITY AND REACTIVITY

#### Stability

Stable under normal conditions.

#### Materials to avoid

Strong mineral acids.

#### Hazardous Decomposition Products

None known.

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Low order of acute toxicity.

#### Eye irritation

Cement is a severe eye irritant.  
Gross exposures or untreated mild exposures can lead to chemical burning and ulceration of the eye.

#### Skin irritation

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



# SAFETY DATA SHEET

## Sikafloor Armorshield

Date of issue - 28/11/2002.

SKFLAS

### 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>	Maybe harmful to aquatic species, due to alkalinity.


### 13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste. 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

<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.
<i>Safety Phrases</i>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water Wear suitable protective clothing, gloves and eye/face protection.

### 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. 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. SI No. 972/1996: The Special Waste Regulations 1996



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Date of issue - 28/11/2002.

SKFLAS

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#### *UK Guidance Publications*

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*

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.