



# SAFETY DATA SHEET

## SikaCrete L Slurry

Date of issue - 26/06/2003.

SIKL

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code** SIKL  
**Product Name** SikaCrete L Slurry  
**Product Description** Aqueous slurry of Silica fume  
**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
Silica,amorphous	69012-64-2	48.00% - 52.00%		

### 3. HAZARD IDENTIFICATION

**Main Hazards** Not classified as hazardous.

### 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.

**Ingestion** Do not induce vomiting. Wash out mouth with water.

**Inhalation** Unlikely to occur.However provide symptomatic medical treatment if required.

### 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** Spillages should be removed promptly.  
Absorb with liquid-binding material (sand, diatomite, universal binders, or spill kit).

**7. HANDLING AND STORAGE****Handling**

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

**Storage**

Storage area should be: cool. dry.  
Keep away from incompatibles.

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

Silica, amorphous

UK EH40: OES 6mg/m<sup>3</sup> 8h TWA. Dust, total inhalable:

UK EH40: OES 3mg/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.

**Respiratory Protection**

A respirator is not needed under normal and intended conditions of product use.

**Hand Protection**

Wear suitable impervious gloves.

**Eye Protection**

Splash goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Slurry

**Color**

Grey.

**Odor**

Odourless.

**pH**

Typical 5 - 7

**Flash Point °C**

Not applicable.

**Solubility - Water**

The particles are insoluble in water.

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

Approx. 1400

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to avoid**

Protect from frost

**Materials to avoid**

Strong mineral acids. (HF)

**Hazardous Decomposition Products**

Prolonged heating above 500°C may convert the silica fume to the crystalline silica phase.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Low order of acute toxicity.

**Eye irritation**

Abrasion will likely cause transient irritation.

**Skin irritation**

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



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### 12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is insoluble 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>	Disposal of bulk quantities and/or containers should be made through an authorised waste contractor.
<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 : 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>	06.01.2003
<i>Revisions Highlighted</i>	Trade Name
<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, 2002 SI 1999/437: The Control of Substances Hazardous to Health Regulations SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
<i>UK Guidance Publications</i>	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.
<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.