



## Sika-1 Spritz/ Render Mortar and Finish Coat

Date of issue - 22/03/2001.

SK1SM

**PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SK1SM  
**Product Name** Sika-1 Spritz/ Render Mortar and Finish Coat  
**Product Description** Cement/ silica aggregate blends for use with Sika 1  
**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 )

<b>Component</b>	<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
1) Portland Cement	25.00%-50.00%	Xi	R41

**HAZARD IDENTIFICATION**

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

Dry cement powders in normal use have no harmful effect on the dry skin. However, when cement is mixed with water or becomes damp, alkalis are released which can be harmful. Contact with wet cement or wet mortar may cause irritation, dermatitis or burns.

**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. 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.

**FIRE FIGHTING MEASURES**

**Extinguishing Media** 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 up into suitable containers for recovery or disposal.

**HANDLING AND STORAGE**

<i>Handling</i>	Avoid inhaling dust. Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.
<i>Storage</i>	Mix in a well ventilated area. Storage area should be: cool. dry.

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

1) Portland Cement	UK EH40: OES 10mg/m <sup>3</sup> 8h TWA. Dust, total inhalable: UK EH40: OES 5mg/m <sup>3</sup> 8h TWA. Dust, respirable:
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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. Every effort should be made to prevent airborne dusts arising during mixing operations. If limits are exceeded use an approved dust mask.
<i>Respiratory Protection</i>	Wear suitable impervious gloves.
<i>Hand Protection</i>	The insides of gloves must be kept scrupulously clean.
<i>Eye Protection</i>	Dust tight goggles.
<i>Body Protection</i>	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.

**PHYSICAL AND CHEMICAL PROPERTIES**

<i>Physical State</i>	Powder.
<i>Color</i>	Grey.
<i>Odor</i>	None.
<i>pH</i>	Approx. 12 in water.
<i>Flash Point °C</i>	Not applicable.
<i>Solubility - Water</i>	Partially soluble.
<i>Density (kg/m<sup>3</sup>)</i>	Approx. 1.4-1.6. (loose)

**STABILITY AND REACTIVITY**

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Exposure to water or moisture.
<i>Materials to avoid</i>	Strong mineral acids.
<i>Hazardous Decomposition Products</i>	None known.



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## TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Cement is a severe eye irritant. 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.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.

## 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 may be harmful to aquatic organisms.


## 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.

## TRANSPORT INFORMATION

<i>ADR/RID Substance Identification Number</i>	Not regulated for Road/Rail Transport
<i>IMDG : Proper shipping name</i>	Not regulated for Sea Transport
<i>IATA : Proper shipping name</i>	Not Regulated for Air Transport

## REGULATORY INFORMATION

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Risk of serious damage to eyes.
<i>Safety Phrases</i>	Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## OTHER INFORMATION

<i>First Issue Date</i>	23.08.2000
<i>Revisions Highlighted</i>	Future revisions will incorporate such information as is required but which is not available at this time.



## SAFETY DATA SHEET

### Sika-1 Spritz/ Render Mortar and Finish Coat

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

#### ***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.  
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.