

**PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	SIGL54UK
<i>Product Name</i>	Sigunit-L54AF (UK)
<i>Product Description</i>	Liquid set accelerator for sprayed concrete.
<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>	Aqueous solution of Aluminium Salts

HAZARD IDENTIFICATION

<i>Main Hazards</i>	Not classified as hazardous.
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FIRST AID MEASURES

<i>Eye Contact</i>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
<i>Skin Contact</i>	Wash skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use.
<i>Ingestion</i>	Wash out mouth with water. Do not induce vomiting. Obtain medical attention urgently.
<i>Inhalation</i>	Remove from exposure. Unlikely to occur. However provide symptomatic medical treatment if required.

FIRE FIGHTING MEASURES

<i>Extinguishing Media</i>	Not combustible. Select extinguishing agent appropriate to other materials involved.
<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 self contained breathing apparatus.

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>	Absorb with an inert material and put the spilled material in an appropriate container for disposal.



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HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin and clothing.

Storage

Storage area should be: cool. dry. out of direct sunlight.
Store in original containers.
Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.
Protect from extremes of cold.
Storage temperature should be controlled to between 5 and 25 °C.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures

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

Respiratory Protection

None required.

Hand Protection

Wear suitable impervious gloves.

Eye Protection

The nature of the work in hand will determine the choice of gloves.
Wear safety glasses if risks of accidental contamination are possible during application.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Liquid.

Color

Grayish white.

Odor

Odourless.

pH

Approx. 3

Boiling Point °C

Approx. 100

Flash Point °C

Not applicable.

Solubility - Water

Partially soluble in water.

Density (kg/m³)

Approx. 1400 at 20 °C.

Viscosity (at 20°C)

< 200 at 20 °C. (measured as mPa.s)

STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

Extremes of temperature.

Materials to avoid

Alkalis.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon. oxides of sulphur.

TOXICOLOGICAL INFORMATION

Acute toxicity

Low order of acute toxicity.

Eye irritation

Irritating to the eyes.

Skin irritation

Prolonged contact may cause irritation.



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ECOLOGICAL INFORMATION

<i>Mobility</i>	The product will dissolve rapidly in water.
<i>Persistence/degradability</i>	Expected to be biodegradable.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.

DISPOSAL

<i>Product Disposal</i>	Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Disposal of bulk quantities and/or containers should be made through an authorised waste contractor.

TRANSPORT INFORMATION

<i>UN : UN number</i>	Not classified.
<i>ADR/RID Proper shipping name</i>	Not Hazardous
<i>ADR/RID Class</i>	None assigned.
<i>IMDG : Proper shipping name</i>	None assigned.
<i>IATA : Proper shipping name</i>	Not classified.
<i>IATA : Class</i>	None assigned.

REGULATORY INFORMATION

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	Avoid contact with eyes. Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes. In case of insufficient ventilation, wear suitable respiratory equipment. Use only in well ventilated areas.

OTHER INFORMATION

<i>First Issue Date</i>	04.03.1999
<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 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.
<i>UK Guidance Publications</i>	General Approved Code of Practice to COSHH Regulations, HSE. Approved Code of Practice - Management of Health and Safety at Work, HSE.



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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.