

**PRODUCT AND COMPANY IDENTIFICATION**

|                              |  |
|------------------------------|--|
| <i>Product Code</i>          | SIKMT45  |
| <i>Product Name</i>          | Sikament LA45  |
| <i>Product Description</i>   | Liquid superplasticiser for use in concrete.   |
| <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 |

**COMPOSITION/INFORMATION ON THE COMPONENTS**

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|--|--|
| <i>Hazardous Components in Product</i> | The product does not contain any substances classified as hazardous under current regulations. |
| <i>Chemical Characteristic</i>         | Aqueous blend of sulphonated naphthalene formaldehyde and vinyl copolymer condensates.         |

**HAZARD IDENTIFICATION**

|                     |                                       |
|---------------------|---------------------------------------|
| <i>Main Hazards</i> | None.<br>Not classified as hazardous. |
|---------------------|---------------------------------------|

**FIRST AID MEASURES**

|                     |  |
|---------------------|--|
| <i>Eye Contact</i>  | Immediately flood the eye with plenty of water for at least 10 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 with soap and water.   |
| <i>Ingestion</i>    | Wash out mouth with water. Do not induce vomiting.<br>Have victim drink 240-300ml of water to dilute stomach contents.<br>Obtain medical attention.  |
| <i>Inhalation</i>   | Unlikely to occur. However provide symptomatic medical treatment if required.  |

**FIRE FIGHTING MEASURES**

|                                   |   |
|-----------------------------------|---|
| <i>Extinguishing Media</i>        | Not combustible.<br>Select extinguishing agent appropriate to other materials involved. |
| <i>Special Hazards of Product</i> | None.   |

**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>                                      | Small spillages may be flushed with large quantities of water.<br>Contain and absorb using earth, sand or other inert material.<br>Transfer into suitable containers for recovery or disposal. |

**HANDLING AND STORAGE****Handling**

Avoid contact with eyes, skin and clothing.

**Storage**

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

**EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Standards**

None assigned.

**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**

Brown.

**Odor**

Odourless.

**pH**

Range between 6 to 8.

**Flash Point °C**

Not applicable.

**Solubility - Water**

Completely soluble.

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

1.125 at 20 °C.

**Viscosity ( at 20°C )**

Approx. 100 (measured as mPa.s)

**STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to avoid**

Protect from frost

**Materials to avoid**

Oxidising agents. Mineral acids. Alkalis.

**Hazardous Decomposition Products**

After evaporation of water, combustion will generate: oxides of carbon. oxides of nitrogen. oxides of sulphur. acrid smoke and irritating fumes.

**TOXICOLOGICAL INFORMATION****Acute toxicity**

Low order of acute toxicity.

**Eye irritation**

May cause slight transient irritation.

**Skin irritation**

Unlikely to cause irritation from occasional contact

**ECOLOGICAL INFORMATION**

|                                  |   |
|----------------------------------|---|
| <i>Mobility</i>                  | The product will dissolve rapidly in water.       |
| <i>Persistence/degradability</i> | The product is partially or slowly biodegradable. |
| <i>Bioaccumulative potential</i> | Product is not expected to bioaccumulate.         |
| <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> | Dispose of containers with care.<br>Empty packaging should be removed by a licensed 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> | The following can be considered as advisory.<br><br>Keep out of reach of children.<br>Avoid contact with skin and eyes.<br>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br>After contact with skin, wash immediately with plenty of: soap and water. |

**OTHER INFORMATION**

|                              |  |
|------------------------------|--|
| <i>First Issue Date</i>      | 29.01.1997   |
| <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 1993/1746: 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

### Sikament LA45

Date of issue - 22/03/2001.

SIKMT45

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#### *UK Guidance Publications*

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

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