

**PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	SIKMT555
<i>Product Name</i>	Sikament-555
<i>Product Description</i>	Liquid superplasticiser for use in 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 modified polycarboxylate.

HAZARD IDENTIFICATION

<i>Main Hazards</i>	None. 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 10 minutes, holding the eye open. Obtain medical attention urgently.
<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. Have victim drink 240-300ml of water to dilute stomach contents. 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. 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.

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. Contain and absorb using earth, sand or other inert material. 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**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.
The nature of the work in hand will determine the choice of gloves.

Eye Protection

Wear safety glasses if risks of accidental contamination are possible during application.

PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Liquid.

Color

Slight Pink

Odor

Characteristic.

pH

Approx. 6.8

Flash Point °C

Not applicable.

Solubility - Water

Completely soluble.

Density (kg/m³)

Approx. 1.12 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

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

TOXICOLOGICAL INFORMATION**Acute toxicity**

Low order of acute toxicity.

Eye irritation

May cause slight transient irritation.

Skin irritation

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

ECOLOGICAL INFORMATION**Mobility**

The product will dissolve rapidly in water.

Persistence/degradability

The product is expected to be readily biodegradable.

Ecotoxicity

The product may be harmful to aquatic organisms.

**DISPOSAL****Product Disposal**

Arrange for disposal via a licensed waste contractor.

Container DisposalDispose of containers with care.
Empty packaging should be removed by a licensed waste contractor.**TRANSPORT INFORMATION****UN :** UN number

Not classified.

ADR/RID Proper shipping name

Not Hazardous

ADR/RID Class

None assigned.

IMDG : Proper shipping name

None assigned.

IATA : Proper shipping name

Not classified.

IATA : Class

None assigned.

REGULATORY INFORMATION**Risk Phrases**

None assigned.

Safety Phrases

The following can be considered as advisory.

Avoid contact with skin and eyes.

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.

OTHER INFORMATION**First Issue Date**

10.03.1999

Revisions Highlighted

Future revisions will incorporate such information as is required but which is not available at this time.

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.

UK Guidance Publications

Approved Code of Practice - Management of Health and Safety at Work, HSE.

General Approved Code of Practice to COSHH Regulations, HSE.



SAFETY DATA SHEET

Sikament-555

Date of issue - 22/03/2001.

SIKMT555

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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