

**1. PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	PLMSD16
<i>Product Name</i>	Plastiment SD16
<i>Product Description</i>	Water reducing plasticiser for use in concrete.
<i>Manufacturer/Supplier</i>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTS

<i>Hazardous ingredients</i>	The product does not contain any substances classified as hazardous under current regulations.
<i>Chemical Characteristic</i>	A blend of sulphonated naphthalene formaldehyde and lignosulphonates

3. HAZARD IDENTIFICATION

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

<i>Eye Contact</i>	Wash out eye with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Obtain medical attention urgently.
<i>Skin Contact</i>	Wash skin 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.

5. FIRE FIGHTING MEASURES

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

6. 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>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

**7. 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.
Protect from extremes of cold.
Storage temperature should be controlled to between 5 and 25 °C.

8. 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 insides of gloves must be kept scrupulously clean.

Eye Protection

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

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

Liquid.

Color

Brown.

Odor

Characteristic.

pH

Range between 4 to 6.

Solubility - Water

Completely soluble.

Density (kg/m³)

Approx. 1190 at 20 °C.

Viscosity (at 20°C)

Mobile liquid at ambient temperatures.

10. 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. nitrogen oxides (NO, NO₂...)

11. 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

12. 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.



SAFETY DATA SHEET

Plastiment SD16

Date of issue - 19/04/2004.

PLMSD16

13. DISPOSAL

Product Disposal

Arrange for disposal via a licensed waste contractor.

Container Disposal

Dispose of containers with care.

Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

ADR/RID : Proper shipping name

Not Regulated under ADR/RID

IMDG : Proper shipping name

Not Regulated under IMDG

IATA : Proper shipping name

Not Regulated under ICAO

15. REGULATORY INFORMATION

Risk Phrases

None assigned.

Safety Phrases

None assigned

16. OTHER INFORMATION

First Issue Date

19.04.2004

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 2002/1689: Chemicals (Hazard Information and Packaging) Regulations

SI 2002/2677: The Control of Substances Hazardous to Health Regulations

SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

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