

**PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	PLMSD4
<b>Product Name</b>	Plastiment SD4
<b>Product Description</b>	Concrete admixture based on an aqueous blend of calcium chloride and surfactants.
<b>Manufacturer/Supplier</b>	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) Alkyl phenol ethoxylate	2.50%-10.00%	Xi	R36/38, R53
2) Calcium chloride	10.00%-25.00%	Xi	R36

**HAZARD IDENTIFICATION**

<b>Main Hazards</b>	Irritating to eyes.
<b>Health Effects - Eyes</b>	Liquid will cause conjunctival irritation.
<b>Health Effects - Skin</b>	Material may cause slight irritation on prolonged or repeated contact.

**FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
<b>Skin Contact</b>	Wash skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use. Do not use organic solvents to clean skin. Obtain medical attention if blistering occurs or redness persists.
<b>Ingestion</b>	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
<b>Inhalation</b>	Remove from exposure. Unlikely to occur. However provide symptomatic medical treatment if required.

**FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Not combustible. Select extinguishing agent appropriate to other materials involved.
<b>Special Hazards of Product</b>	Combustion will produce smoke, carbon dioxide and carbon monoxide. See also Section 10.

**ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing.

**Environmental Precautions and Clean-up Methods**

Try to prevent the material from entering drains or water courses.  
Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

**Spillages**

Small spillages may be flushed with large quantities of water.  
Large spillages should be collected for disposal.  
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. 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.  
Keep away from foodstuffs

**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**

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

**PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Liquid.

**Color**

Colourless. - Straw

**Odor**

Odourless.

**pH**

(typical) 7.5

**Boiling Point °C**

>110

**Flash Point °C**

Not applicable.

**Solubility - Water**

Miscible.

**Vapor Pressure ( kPa )**

Negligible vapour pressure at ambient conditions.

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

Approx. 1.18.

**Viscosity ( at 20°C )**

Mobile liquid at ambient temperatures.

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

Stable under normal conditions.

**Conditions to avoid**

Protect from frost

**Materials to avoid**

Mineral acids. Alkalis.

**Hazardous Decomposition Products**

Combustion will generate: chlorine compounds, hydrogen chloride.

**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	May cause slight transient irritation.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.

**ECOLOGICAL INFORMATION**

<i>Mobility</i>	The product will dissolve rapidly in water.
<i>Bioaccumulative potential</i>	Product is not expected to bioaccumulate.
<i>Ecotoxicity</i>	The product is expected to be slightly toxic to aquatic species.


**DISPOSAL**

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty containers may contain hazardous residues. Labels should not be removed from containers until they have been cleaned. Empty packaging should be removed by a licensed waste contractor.

**TRANSPORT INFORMATION**

<i>UN : UN number</i>	Not classified.
<i>UN : Proper shipping name</i>	None assigned.
<i>ADR/RID Substance Identification Number</i>	Not classified.
<i>IMDG : Proper shipping name</i>	Not classified.

**REGULATORY INFORMATION**

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Irritating to eyes.
<i>Safety Phrases</i>	Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

**OTHER INFORMATION**

<i>First Issue Date</i>	29.06.1995
<i>Revisions Highlighted</i>	Composition/Information on the Components Disposal
<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.



## SAFETY DATA SHEET

### Plastiment SD4

Date of issue - 22/03/2001.

PLMSD4

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#### ***UK Legislation***

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.  
SI 1999/437: The Control of Substances Hazardous to Health Regulations  
SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.  
SI No. 972/1996: The Special Waste Regulations 1996  
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.