

**PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	SKUCS
<i>Product Name</i>	Sika UCS Powder
<i>Product Description</i>	Powder additive for underwater concrete stabilisation/placement.
<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>	Blend of lignosulphonates and cellulose ethers.

HAZARD IDENTIFICATION

<i>Main Hazards</i>	None. Not classified as hazardous.
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FIRST AID MEASURES

<i>Eye Contact</i>	Wash out eye with plenty of water. Obtain medical attention urgently. Eyelids should be held away from the eyeball to ensure thorough rinsing.
<i>Skin Contact</i>	Wash skin with soap and water.
<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 readily combustible. Use water spray, foam, dry chemical or carbon dioxide.
<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>	Spillages should be removed promptly. Floors may become slippery where this product has been spilled, especially when wet. Sweep up into suitable containers for recovery or disposal. Avoid creating a dust.

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

Avoid creating a dust. Use in well ventilated area.

Storage

Avoid contact with eyes, skin and clothing.

Storage area should be: cool. dry.

Store away from sources of heat or ignition.

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

The product should be considered as a 'nuisance dust'. Exposure should be controlled to the minimum that is reasonably practicable and should not exceed 10mg/m³ 8-hour TWA for inhalable dust.

Engineering Control Measures

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

Respiratory Protection

Good ventilation should be provided to keep airborne dust levels below exposure limits.

Hand Protection

Dust mask if conditions are dusty.

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**

Powder.

Color

Brown.

Odor

None.

pH

6-8 at 2% w/w in water.

Flash Point °C

Not applicable.

Solubility - Water

Completely soluble.

Density (kg/m³)

Approx. 0.70. (loose)

Dust Explosion hazard

Dust from this product may be capable of igniting and propagating a flame.

STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Exposure to water or moisture.

Materials to avoid

Oxidising agents. Mineral acids.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon. 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 expected to be partially or slowly biodegradable.
<i>Bioaccumulative potential</i>	Product is not expected to bioaccumulate.
<i>Ecotoxicity</i>	The product is expected to be non-hazardous to aquatic species.

DISPOSAL

<i>Product Disposal</i>	Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. 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. Do not breathe dust. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

OTHER INFORMATION

<i>First Issue Date</i>	24.06.1997
<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. 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.



SAFETY DATA SHEET

Sika UCS Powder

Date of issue - 22/03/2001.

SKUCS

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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