

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code SKV105
Product Name Sika ViscoCrete-105 Powder
Product Description Powder superplasticiser for use in cementitious systems
Manufacturer/Supplier Sika Limited
Watchmead
Welwyn Garden City
Hertfordshire.
AL7 1BQ
tel. 01707 394444
Fax. 01707 329129

2. COMPOSITION/INFORMATION ON THE COMPONENTSPreparation - Hazardous ingredients (Europe)

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Silica,amorphous	7631-86-9	2.50% - 10.00%	-	-

3. HAZARD IDENTIFICATION

Main Hazards None.
Not classified as hazardous.

4. FIRST AID MEASURES

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

Skin Contact Wash skin with soap and water.

Ingestion Wash out mouth with water. Do not induce vomiting.
Obtain medical attention.

Inhalation Repeated or prolonged inhalation of dust may lead to respiratory irritation.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use water spray, fog or foam.
Special Hazards of Product Combustion will generate oxides of carbon and nitrogen

6. 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.
Spillages 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.



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7. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB

Silica,amorphous

UK EH40: OES 6 mg/M3 8 hour TWA

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Powder.

Color

Cream

Odor

None.

pH

Approx. 7

Flash Point °C

Not applicable.

Solubility - Water

Partly miscible

Density (kg/m3)

Approx. 0.65 (loose)

Dust Explosion hazard

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

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

Exposure to water or moisture.

Hazardous Decomposition Products

carbon oxides (CO, CO₂) 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



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12. 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>Ecotoxicity</i>	Maybe harmful to aquatic species

13. 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.

14. TRANSPORT INFORMATION

<i>ADR/RID : Proper shipping name</i>	Not Regulated under ADR/RID
<i>IMDG : Proper shipping name</i>	Not Regulated under IMDG
<i>IATA : Proper shipping name</i>	Not Regulated under ICAO

15. REGULATORY INFORMATION

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	None assigned

16. OTHER INFORMATION

<i>First Issue Date</i>	30.10.2002
<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 2002/1689: Chemicals (Hazard Information and Packaging) Regulations, 2002. SI 1999/437: The Control of Substances Hazardous to Health Regulations SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
<i>UK Guidance Publications</i>	EH40, Occupational Exposure Limits, HSE. Revised Annually Approved Code of Practice - Management of Health and Safety at Work, HSE. General Approved Code of Practice to COSHH Regulations, HSE.
<i>Footnote</i>	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.