

**PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SGD70S
Product Name	Sikagard 700S
Product Description	Water repellent Siloxane based Impregnation compound for concrete and masonry substrates.
Manufacturer/Supplier	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients (Europe)**

Component	Concentration	Classification	Risk Phrases
1) Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	50.00% - 100.00% Xn, N	R10, R51/53, R65, R66, R67

HAZARD IDENTIFICATION

Main Hazards	Flammable Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful : may cause lung damage if swallowed Repeated exposure may cause skin dryness or cracking Vapours may cause drowsiness and dizziness
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FIRST AID MEASURES

Eye Contact	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
Skin Contact	Wash skin thoroughly with soap and water. Contaminated clothing should be washed or dry-cleaned before re-use.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	Remove from exposure. Obtain medical attention.

FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide.
Extinguishing Media - Not suitable	Do not use water jet.
Special Hazards of Product	Combustion will produce smoke, carbon dioxide and carbon monoxide.
Protective Equipment for Fire-Fighting	Wear self contained breathing apparatus.

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

Eliminate all sources of ignition. Wear appropriate protective clothing. Ventilate area to dispel any residual vapours.

Environmental Precautions and Clean-up Methods Spillages

Try to prevent the material from entering drains or water courses.

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

HANDLING AND STORAGE**Handling**

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices. Avoid contact with eyes, skin and clothing. Avoid inhaling vapour. Use in well ventilated area.

Storage

Storage area should be: cool. dry. well ventilated. out of direct sunlight. Store in the original container securely closed. Store away from sources of heat or ignition.

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

Ensure adequate ventilation. Respiratory protection if there is a risk of exposure to high vapour concentrations.

Hand Protection

Wear suitable impervious gloves. (butyl / nitrile type)

Eye Protection

Chemical goggles if there is a risk of splashing.

PHYSICAL AND CHEMICAL PROPERTIES**Physical State**

Liquid.

Color

Colourless.

Odor

Petrol like

Flash Point °C

30 (typical)

Solubility - Water

Immiscible.

Density (kg/m³)

Approx. 800 at 20 °C.

Viscosity (at 20°C)

Mobile liquid.

STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Sources of ignition. Exposure to direct sunlight. High temperatures.

Hazardous Decomposition Products

Combustion will generate: oxides of carbon.

TOXICOLOGICAL INFORMATION**Acute toxicity**

Low order of acute toxicity. Excessive exposure may produce anaesthetic or narcotic effects.

Eye irritation

Liquid and vapour can cause irritation on contact and at high concentrations.

Skin irritation

Repeated exposure may cause skin dryness or cracking.

**ECOLOGICAL INFORMATION****Mobility**

The product is insoluble in water.

Ecotoxicity

The product is volatile/gaseous and will partition to the air phase.

This material is harmful to aquatic organisms.

DISPOSAL**Product Disposal**

Dispose of as Special Waste.

Arrange for disposal via a licensed waste contractor.

Container Disposal

Dispose of containers with care.

Empty containers may contain hazardous residues.

Empty packaging should be removed by a licensed waste contractor.

TRANSPORT INFORMATION

UN :	UN number	1263
UN :	Class	3
UN :	Packing Group	3.3
ADR/RID	Substance Identification Number	1263
ADR/RID	Proper shipping name	Paints - flash point between 21°C and 55°C.
ADR/RID	Class	3
ADR/RID	Item Number	31°(c)
ADR/RID	Hazard Identification Number	30
IMDG :	Proper shipping name	Paint.
IMDG :	Packing Group	3.3
IMDG :	Class	3
IMDG :	Marine Pollutant	P
IMDG :	Ems Number	3-05
IATA :	Proper shipping name	Paint.
IATA :	Packing Group	3
IATA :	Class	3

REGULATORY INFORMATION**Label Requirements**

Harmful, Dangerous for the environment

**Risk Phrases**

Flammable.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Harmful : may cause lung damage if swallowed

Repeated exposure may cause skin dryness or cracking

Vapours may cause drowsiness and dizziness

Safety Phrases

Do not breathe gas/fumes/vapor/spray

In case of insufficient ventilation, wear suitable respiratory equipment.

Use only in well-ventilated areas.

**OTHER INFORMATION**

<i>First Issue Date</i>	11.07.1997
<i>Revisions Highlighted</i>	Hazards Identification Regulatory Information
<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. Chemicals (Hazard Information and Packaging) Regulations, 2002. SI 1972/917: Highly Flammable Liquids & LPG Regs. SI No. 972/1996: The Special Waste Regulations 1996 SI No 2839 1991 Environmental Protection (Duty of Care) Regulations. SI 1999/437: The Control of Substances Hazardous to Health Regulations
<i>UK Guidance Publications</i>	EH40, Occupational Exposure Limits, HSE. Revised Annually. HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE. Guide to Highly Flammable Liquids & LPG Regulations - H&SE. 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.