

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	SGD68SC
<b>Product Name</b>	Sikagard 680 S Clear Glaze
<b>Product Description</b>	One component decorative,solvent containing methacrylic coating.
<b>Manufacturer/Supplier</b>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

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

<b>Component</b>	<b>CAS/EINECS</b>	<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
Solvent Naptha (Petroleum),Light Aromatic.	64742-95-6	50.00% - 100.00%	Xn, N	R10, R37, R51/53, R65, R66, R67
Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	10.00% - 25.00%	Xn, N	R10, R51/53, R65, R66, R67
2-Methoxy-1-methylethyl acetate	108-65-6	2.50% - 10.00%	Xi	R10, R36
2-Methylpropan-1-ol	78-83-1	2.50% - 10.00%	Xi	R10, R37/38, R41, R67

**3. HAZARD IDENTIFICATION**

<b>Main Hazards</b>	Flammable. Irritating to respiratory system. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking Vapours may cause drowsiness and dizziness
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**4. FIRST AID MEASURES**

<b>Eye Contact</b>	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.
<b>Skin Contact</b>	Wash skin thoroughly with soap and water. If material proves difficult to remove, use suitable skin cleanser (not solvent). Solvents should not be used to clean skin because they may increase the penetration of the material. Contaminated clothing should be washed or dry-cleaned before re-use.
<b>Ingestion</b>	Do not induce vomiting. Keep warm and at rest. Obtain medical attention urgently.
<b>Inhalation</b>	Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure,obtain medical attention.



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### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Use foam, dry chemical or carbon dioxide. Dry sand may be used on small fires.
<b>Special Hazards of Product</b>	Combustion will produce smoke, carbon dioxide and carbon monoxide. See also Section 10.
<b>Protective Equipment for Fire-Fighting</b>	Wear full protective clothing and self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear appropriate protective clothing. Eliminate all sources of ignition.
<b>Environmental Precautions and Clean-up Methods</b>	Ventilate area to dispel any residual vapours. Try to prevent the material from entering drains or water courses.
<b>Spillages</b>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.
<b>Storage</b>	Use in well ventilated area. Avoid inhaling vapour. Storage area should be: cool, dry, well ventilated, out of direct sunlight. Store away from sources of heat or ignition. Take precautionary measures against static discharges.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits - GB

2-Methoxy-1-methylethyl acetate	UK EH40: OES 50ppm (275mg/M3) 8 hr. TWA UK EH40: OES 100ppm (548mg/M3) 15 min STEL
2-Methylpropan-1-ol	UK EH40: OES 50ppm (154mg/m3) 8h TWA. UK EH40: OES 75ppm (231mg/m3) 15min STEL

<b>Engineering Control Measures</b>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<b>Respiratory Protection</b>	Adequate ventilation should be provided to maintain solvent concentrations in the workplace below exposure limits. Respiratory protection if there is a risk of exposure to high vapour concentrations.
<b>Hand Protection</b>	Wear suitable impervious gloves. (butyl / nitrile type)
<b>Eye Protection</b>	Chemical goggles if there is a risk of splashing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid.
<b>Color</b>	Clear.
<b>Odor</b>	Characteristic. Aromatic.
<b>Flash Point °C</b>	Approx. 25
<b>Solubility - Water</b>	Immiscible.
<b>Density (kg/m3)</b>	Approx. 900 at 20 °C. (measured as kg/litre)
<b>Viscosity (at 20°C)</b>	Mobile liquid at ambient temperatures.



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### 10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	High temperatures. Sources of ignition. Static discharge.
<i>Hazardous Decomposition Products</i>	Combustion will generate: oxides of carbon, acrylic monomers, acrid smoke and irritating fumes.

### 11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Excessive exposure may produce anaesthetic or narcotic effects. Liquid and vapour can cause irritation on contact and at high concentrations.
<i>Skin irritation</i>	Frequent skin contact may cause irritation and defatting due to the solvent content. Repeated exposure may cause skin dryness or cracking.

### 12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is insoluble in water.
<i>Ecotoxicity</i>	This material is harmful to aquatic organisms.

### 13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste.
<i>Container Disposal</i>	Arrange for disposal via a licensed waste contractor. Dispose of containers with care. Empty containers may contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

### 14. TRANSPORT INFORMATION

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



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### 15. REGULATORY INFORMATION

#### Label Requirements

Irritant, Dangerous for the environment



#### Risk Phrases

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

### 16. OTHER INFORMATION

#### First Issue Date

24.08.1998

#### Revisions Highlighted

Composition and Information on Ingredients  
Hazards identification  
Exposure Controls and Personal Protection  
Toxicological Information  
Regulatory Information

#### 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.  
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.  
SI No. 972/1996: The Special Waste Regulations 1996

#### UK Guidance Publications

General Approved Code of Practice to COSHH Regulations, HSE.  
EH40, Occupational Exposure Limits, HSE. Revised Annually.

#### 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.