

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Code</b>	SGD68S
<b>Product Name</b>	Sikagard 680S Cosmetic
<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	10.00% - 25.00%	Xn, N	R10, R37, R51/53, R65, R66, R67
1 methoxy-2 propyl acetate	108-65-6	2.50% - 10.00%	Xi	R10, R36
Naphtha (Petroleum)Hydrosulphurised Heavy	64742-82-1	2.50% - 10.00%	Xn, N	R10, R51/53, R65, R66, R67
Xylene	1330-20-7	2.50% - 10.00%	Xn	R10, R20/21, R38
Ethyl benzene	100-41-4	1.00% - 2.50%	F, Xn	R11, R20
Bis (2-phenoxyethyl) dimethoxymethane	13879-32-8	0.10% - 1.00%	N	R51/53

**3. HAZARD IDENTIFICATION**

<b>Main Hazards</b>	Flammable. Harmful 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. 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. Obtain medical attention urgently.
<b>Inhalation</b>	In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure,obtain medical attention.

**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

### *Personal Precautions*

Wear appropriate protective clothing. Eliminate all sources of ignition.

### *Environmental Precautions and Clean-up Methods* *Spillages*

Ventilate area to dispel any residual vapours.  
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.

## 7. HANDLING AND STORAGE

### *Handling*

Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.  
Use in well ventilated area.

### *Storage*

Avoid contact with eyes, skin and clothing.  
Storage area should be: cool. dry. well ventilated. out of direct sunlight.  
Store away from sources of heat or ignition.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### *Occupational Exposure Limits - GB*

Xylene

UK EH40: WEL 50ppm (220mg/m<sup>3</sup>) 8h TWA.

Ethyl benzene

UK EH40: WEL 100ppm (451mg/m<sup>3</sup>) 15min STEL

UK EH40: WEL 100ppm (441mg/M<sup>3</sup>) 8 hr. TWA

UK EH40: WEL 125ppm (552mg/M<sup>3</sup>) 15min STEL

1 methoxy-2 propyl acetate

UK EH40: WEL 50 ppm (274mg/M<sup>3</sup>) 8hr. TWA

UK EH40: WEL 100 ppm (548mg/M<sup>3</sup>) 15 Min STEL

### *Engineering Control Measures*

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

### *Respiratory Protection*

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.

### *Hand Protection*

Wear suitable impervious gloves. (butyl / nitrile type)

### *Eye Protection*

Chemical goggles if there is a risk of splashing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### *Physical State*

Liquid.

### *Color*

Various

### *Odor*

Characteristic. Aromatic.

### *Flash Point °C*

Approx. 30

### *Solubility - Water*

Immiscible.

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

1390 -1450 at 20 °C.

### *Viscosity (at 20°C)*

Mobile liquid at ambient temperatures.

## 10. STABILITY AND REACTIVITY

### *Stability*

Stable under normal conditions.

### *Conditions to avoid*

Sources of ignition.  
Static discharge.

### *Hazardous Decomposition Products*

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>	Hazardous waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	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>ADR/RID : Number</i>	1263
<i>ADR/RID : Proper shipping name</i>	Transport according to chapter 2.2.3.1.5 ADR Paints - flash point between 21°C and 55°C.
<i>ADR/RID : Class</i>	3
<i>ADR/RID : Item Number</i>	31°(c)          Class F1
<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>	F-E , S-E
<i>IATA : Proper shipping name</i>	Paint.
<i>IATA : Packing Group</i>	3
<i>IATA : Class</i>	3

### 15. REGULATORY INFORMATION

<i>Risk Phrases</i>	Flammable. Harmful 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
<i>Safety Phrases</i>	Do not breathe gas/fumes/vapour/spray. Use only in well ventilated areas. In case of insufficient ventilation, wear suitable respiratory equipment.



**SAFETY DATA SHEET**  
**Sikagard 680S Cosmetic**

Date of issue - 11/08/2006.

SGD68S

**16. OTHER INFORMATION**

<i>First Issue Date</i>	11.10.1994
<i>Revisions Highlighted</i>	Exposure controls/personal protection 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.
<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 SI 2002/2689: The Control of Substances Hazardous to Health Regulations SI No 2839 1991 Environmental Protection (Duty of Care) Regulations. SI 2005/ 894 Hazardous waste regulations 2005
<i>UK Guidance Publications</i>	General Approved Code of Practice to COSHH Regulations, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually.
<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.