

**PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SIKC40  
**Product Name** Sika Control-40  
**Product Description** Liquid concrete/mortar admixture.  
**Manufacturer/Supplier** Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire.  
AL7 1BQ  
tel. 01707 394444  
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**COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients ( Europe )

Component	Concentration	Classification	Risk Phrases
1) 2,2-dimethylpropane-1,3-diol	50.00%-100.00%	Xi	R41
2) 2-Butylaminoethanol	2.50%-10.00%	C	R34, R22

**HAZARD IDENTIFICATION**

**Main Hazards** Irritating to skin.  
Risk of serious damage to eyes.

**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 if soreness or redness persists.

**Skin Contact** Wash skin thoroughly with soap and water.  
Contaminated clothing should be washed or dry-cleaned before re-use.  
Do not use organic solvents to clean skin.

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

**Inhalation** Unlikely to occur. However provide symptomatic medical treatment if required.

**FIRE FIGHTING MEASURES**

**Extinguishing Media** Not combustible.  
Select extinguishing agent appropriate to other materials involved.

**Special Hazards of Product** Combustion will produce smoke, carbon dioxide and carbon monoxide.  
See also Section 10.

**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.  
Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

**Spillages**

Small spillages may be flushed with large quantities of water.  
Large spillages should be collected for disposal.  
Transfer into suitable containers for recovery or disposal.

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

Avoid contact with eyes, skin and clothing.

**Storage**

Storage area should be: cool. out of direct sunlight.  
Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.  
Protect from extremes of cold.  
Storage temperature should be controlled to between 5 and 25 °C.  
Keep away from foodstuffs

**EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits - GB**

- 1) 2,2-dimethylpropane-1,3-diol
- 2) 2-Butylaminoethanol

None assigned.  
None assigned.

**Engineering Control Measures**

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

**Respiratory Protection**

Respiratory protection not normally required.

**Hand Protection**

Wear suitable impervious gloves.

**Eye Protection**

Wear safety glasses if risks of accidental contamination are possible during application.

**PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Liquid.

**Color**

Red

**Odor**

Aromatic.

**pH**

Range between 10 to 11.

**Boiling Point °C**

>100

**Flash Point °C**

Not applicable.

**Solubility - Water**

Miscible.

**Vapor Pressure ( kPa )**

Negligible vapour pressure at ambient conditions.

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

Approx. 1000 at 20 °C.

**Viscosity ( at 20°C )**

Mobile liquid at ambient temperatures.

**STABILITY AND REACTIVITY****Stability**

Stable under normal conditions.

**Conditions to avoid**

Extremes of temperature.  
Protect from frost

**Materials to avoid**

Acids.

**Hazardous Decomposition Products**

Combustion will generate: oxides of carbon. oxides of nitrogen.

**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	The product should be considered as a severe eye irritant.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.

**ECOLOGICAL INFORMATION**

<i>Mobility</i>	The product will dissolve rapidly in water.
<i>Persistence/degradability</i>	The product is expected to be readily biodegradable.
<i>Ecotoxicity</i>	The product may be harmful to aquatic organisms.


**DISPOSAL**

<i>Product Disposal</i>	Dispose of as Special Waste. Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Empty containers may contain hazardous residues. Labels should not be removed from containers until they have been cleaned. Empty packaging should be removed by a licensed waste contractor.

**TRANSPORT INFORMATION**

<i>ADR/RID Substance Identification Number</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

**REGULATORY INFORMATION**

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Irritating to skin. Risk of serious damage to eyes.
<i>Safety Phrases</i>	Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed seek medical advice immediately and show this container or label. Use only in well ventilated areas.

**OTHER INFORMATION**

<b><i>First Issue Date</i></b>	31.01.2001
<b><i>Revisions Highlighted</i></b>	Future revisions will incorporate such information as is required but which is not available at this time.
<b><i>Uses and Restrictions</i></b>	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.
<b><i>UK Legislation</i></b>	Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions. SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993. SI No 2839 1991 Environmental Protection (Duty of Care) Regulations. SI No. 972/1996: The Special Waste Regulations 1996
<b><i>UK Guidance Publications</i></b>	General Approved Code of Practice to COSHH Regulations, HSE. Approved Code of Practice - Management of Health and Safety at Work, HSE.
<b><i>Footnote</i></b>	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.