

**PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	SIKC81
<i>Product Name</i>	Sikacem 810
<i>Product Description</i>	Liquid bonding agent and Integral Mortar Admixture.
<i>Manufacturer/Supplier</i>	Sika Limited Watchmead Welwyn Garden City Hertfordshire. AL7 1BQ tel. 01707 394444 Fax. 01707 329129

COMPOSITION/INFORMATION ON THE COMPONENTS

<i>Hazardous Components in Product</i>	The product does not contain any substances classified as hazardous under current regulations.
<i>Chemical Characteristic</i>	Aqueous dispersion of styrene butadiene polymer, silica fume and plasticisers.

HAZARD IDENTIFICATION

<i>Main Hazards</i>	None. Not classified as hazardous.
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FIRST AID MEASURES

<i>Eye Contact</i>	Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Eyelids should be held away from the eyeball to ensure thorough rinsing. Obtain medical attention if soreness or redness persists.
<i>Skin Contact</i>	Wash skin with soap and water. If material proves difficult to remove, use suitable skin cleanser (not solvent). Contaminated clothing should be washed or dry-cleaned before re-use.
<i>Ingestion</i>	Wash out mouth with water. Have victim drink 240-300ml of water. If vomiting occurs naturally, rinse mouth and repeat administration of water. Obtain medical attention.
<i>Inhalation</i>	Unlikely to occur. However provide symptomatic medical treatment if required.

FIRE FIGHTING MEASURES

<i>Extinguishing Media</i>	Not combustible. Select extinguishing agent appropriate to other materials involved.
<i>Special Hazards of Product</i>	Combustion will produce smoke, carbon dioxide and carbon monoxide.
<i>Protective Equipment for Fire-Fighting</i>	Wear self contained breathing apparatus.

**ACCIDENTAL RELEASE MEASURES**

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	Try to prevent the material from entering drains or water courses.
<i>Spillages</i>	Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Small spillages may be flushed with large quantities of water.

HANDLING AND STORAGE

<i>Handling</i>	Avoid contact with eyes, skin and clothing.
<i>Storage</i>	Storage area should be: cool. dry. Store in original containers. Protect from extremes of cold. Storage temperature should be controlled to between 5 and 25 °C.

EXPOSURE CONTROLS/PERSONAL PROTECTION

<i>Occupational Exposure Standards</i>	None assigned.
<i>Engineering Control Measures</i>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
<i>Respiratory Protection</i>	Respiratory protection not normally required.
<i>Hand Protection</i>	Wear suitable impervious gloves.
<i>Eye Protection</i>	Wear safety glasses if risks of accidental contamination are possible during application.

PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Slurry.
<i>Color</i>	Grey.
<i>Odor</i>	Characteristic.
<i>pH</i>	8.5 (typical)
<i>Boiling Point °C</i>	>100
<i>Flash Point °C</i>	Not applicable.
<i>Solubility - Water</i>	Miscible.
<i>Vapor Pressure (kPa)</i>	Negligible vapour pressure at ambient conditions.
<i>Density (kg/m3)</i>	Approx. 1.15 at 20 °C.
<i>Autoignition Temperature °C</i>	Not auto-flammable.
<i>Viscosity (at 20°C)</i>	Viscous liquid at ambient temperatures.

STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Extremes of temperature. Protect from frost
<i>Materials to avoid</i>	None under normal conditions.
<i>Hazardous Decomposition Products</i>	After evaporation of water, combustion will generate: oxides of carbon. acid smoke and irritating fumes.

**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	May cause slight transient irritation.
<i>Skin irritation</i>	Frequent or prolonged skin contact may cause some local short term skin irritation.

ECOLOGICAL INFORMATION

<i>Mobility</i>	Mobile liquid. Emulsifiable in water.
<i>Persistence/degradability</i>	The product is partially or slowly biodegradable.
<i>Bioaccumulative potential</i>	Product is not expected to bioaccumulate.
<i>Ecotoxicity</i>	The product is expected to be practically non-toxic to aquatic species.

DISPOSAL

<i>Product Disposal</i>	Arrange for disposal via a licensed waste contractor.
<i>Container Disposal</i>	Dispose of containers with care. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Empty packaging should be removed by a licensed waste contractor.

TRANSPORT INFORMATION

<i>UN :</i> <i>UN number</i>	Not classified as hazardous.
<i>UN :</i> <i>Class</i>	Not listed.

REGULATORY INFORMATION

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	The following are considered as advisory. Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

OTHER INFORMATION

<i>First Issue Date</i>	29.01.1997
<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.



UK Legislation

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.
SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.
SI 1999/437: The Control of Substances Hazardous to Health Regulations
SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

General Approved Code of Practice to COSHH Regulations, HSE.

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.



SAFETY DATA SHEET

Sikacem 810

Date of issue - 22/03/2001.

SIKC81
