

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code SKT106A
Product Name Sikatop 106 Elastocem Part A
Product Description 2-component polymer modified waterproofing cementitious coating.
Manufacturer/Supplier 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)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Formaldehyde	50-00-0	0.10% - 1.00%	T	R23/24/25, R34, R43, R40
Alkyl phenol ethoxylate		1.00% - 2.50%		R53
Chloro and methyl Isothiazolone based micobiocide	55965-84-9	< 0.10%	T, N	R23/24/25, R34, R43, R50/53

3. HAZARD IDENTIFICATION

Main Hazards May cause sensitization by skin contact.

4. FIRST AID MEASURES

Eye Contact Immediately flood the eye with plenty of water for at least 15 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.

Skin Contact Wash skin thoroughly 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.

Ingestion Wash out mouth with water. If vomiting occurs naturally, rinse mouth and repeat administration of water. Obtain medical attention.

Inhalation Remove from exposure. Unlikely to occur. However provide symptomatic medical treatment if required.



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5. 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 generate oxides of carbon and nitrogen
<i>Protective Equipment for Fire-Fighting</i>	Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

<i>Personal Precautions</i>	Wear appropriate protective clothing.
<i>Environmental Precautions and Clean-up Methods</i>	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.

7. HANDLING AND STORAGE

<i>Handling</i>	Use in well ventilated area. Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.
<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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits - GB	
Formaldehyde	UK EH40: MEL 2ppm ; 2.50 mg/m ³ 8hr. TWA UK EH40: MEL 2ppm ; 2.50 mg/m ³ 15min STEL
Chloro and methyl Isothiazolone based micobiocide	OES 0.05 mg/m ³ 8hr TWA recommended
<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.

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Liquid
<i>Color</i>	Grey.
<i>Odor</i>	Acrylic.
<i>pH</i>	6.5 (typical)
<i>Flash Point °C</i>	Not applicable.
<i>Solubility - Water</i>	Miscible in water.
<i>Density (kg/m³)</i>	Approx. 1120 at 20 °C.



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10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	Protect from frost
<i>Hazardous Decomposition Products</i>	After evaporation of water, 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>	May cause slight transient irritation.
<i>Skin irritation</i>	May cause sensitisation. Frequent or prolonged skin contact may cause some local short term skin irritation.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	Mobile liquid. Emulsifiable in water.
<i>Persistence/degradability</i>	The product is expected to be readily biodegradable.
<i>Ecotoxicity</i>	Maybe harmful to aquatic species


13. 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 packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

<i>ADR/RID : Proper shipping name</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

15. REGULATORY INFORMATION

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	May cause sensitization by skin contact.
<i>Safety Phrases</i>	Avoid contact with skin. Wear suitable gloves.
<i>Contains</i>	a mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC No 2 47-500-7] and 2-methyl-2H-isothiazol-3-one [EC No 220-239-6] (3:1) Formaldehyde May produce an allergic reaction



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16. OTHER INFORMATION

<i>First Issue Date</i>	20.12.1995
<i>Revisions Highlighted</i>	Composition and Information on Ingredients Main Hazards Exposure controls/personal protection Toxicological Information Disposal. 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. SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations. SI 2002/2677: 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
<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.

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code SKT106B
Product Name Sikatop 106 Elastocem Part B
Product Description 2-component polymer modified waterproofing cementitious coating.
Manufacturer/Supplier 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)**

Component	CAS/EINECS	Concentration	Classification	Risk Phrases
Portland Cement	65997-15-1	25.00% - 10.00%	Xi	R41
Calcium hydroxide	1305-62-0	2.50% - 10.00%	Xi	R38, R41
Silica flour	14808-60-7	2.50% - 10.00%	Xn	R48/20

3. HAZARD IDENTIFICATION

Main Hazards Risk of serious damage to eyes.
Dry cement powders in normal use have no harmful effect on the dry skin. However, when cement is mixed with water or becomes damp, alkalies are released which can be harmful. Contact with wet cement or wet mortar may cause irritation, dermatitis or burns.

4. 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. Obtain medical attention if blistering occurs or redness persists. Contaminated clothing should be washed or dry-cleaned before re-use.

Ingestion Do not induce vomiting. Wash out mouth with water.

Inhalation Remove from exposure. In cases of possible respiratory irritation or if feeling unwell in cases of prolonged exposure, obtain medical attention.

5. FIRE FIGHTING MEASURES

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

Special Hazards of Product None.



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6. 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>	Avoid creating a dust. Sweep up into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

<i>Handling</i>	Avoid inhaling dust. Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.
<i>Storage</i>	Use in well ventilated area. Storage area should be: cool. dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<i>Occupational Exposure Limits - GB</i>	
Portland cement	UK EH40: OES 10mg/m ³ 8h TWA. Dust, total inhalable:
Calcium hydroxide	UK EH40: OES 4mg/m ³ 8h TWA. Dust, respirable:
Silica flour	UK EH40: OES 5 mg/m ³ 8 hr. TWA UK EH40: MEL 0.3 mg/m ³ 8hr. TWA , silica respirable dust
<i>Engineering Control Measures</i>	Use of the basic principles of Industrial Hygiene will enable this material to be used safely. Every effort should be made to prevent airborne dusts arising during mixing operations. If limits are exceeded use an approved dust mask.
<i>Respiratory Protection</i>	
<i>Hand Protection</i>	Wear suitable impervious gloves.
<i>Eye Protection</i>	Dust tight goggles.
<i>Body Protection</i>	Protective clothing should be worn which ensures that cementitious materials do not come into contact with the skin. Particular care should be taken to ensure that wet mortar does not enter boots/footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical State</i>	Powder.
<i>Color</i>	Grey.
<i>Odor</i>	None.
<i>pH</i>	Approx. 12 in water.
<i>Solubility - Water</i>	Partially soluble.
<i>Density (kg/m³)</i>	Approx. 1300. (loose)

10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Materials to avoid</i>	Strong mineral acids.
<i>Hazardous Decomposition Products</i>	None known.



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11. TOXICOLOGICAL INFORMATION

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Cement is a severe eye irritant. Gross exposures or untreated mild exposures can lead to chemical burning and ulceration of the eye.
<i>Skin irritation</i>	Cement and/or water/cement mixtures may cause irritant contact dermatitis, allergic dermatitis, and/or burns.

12. ECOLOGICAL INFORMATION

<i>Mobility</i>	The product is sparingly soluble in water.
<i>Persistence/degradability</i>	Inorganic basis, therefore non biodegradable.
<i>Ecotoxicity</i>	The alkalinity of this product will have a local effect on ecosystems sensitive to changes in pH


13. DISPOSAL

<i>Product Disposal</i>	Dispose of as Special Waste. As an inert material it may be disposed of via an approved solid waste disposal facility.
<i>Container Disposal</i>	Empty packaging may be disposed along with normal builders waste via an authorised waste contractor.

14. TRANSPORT INFORMATION

<i>ADR/RID : Proper shipping name</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

15. REGULATORY INFORMATION

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Risk of serious damage to eyes.
<i>Safety Phrases</i>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.

16. OTHER INFORMATION

<i>First Issue Date</i>	20.12.1995
<i>Revisions Highlighted</i>	Composition / information on ingredients Main Hazards Exposure controls/personal protection Disposal. 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.



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UK Legislation

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.

SI 2002/1689: Chemicals (Hazard Information and Packaging) Regulations,

SI 2002/2677: The Control of Substances Hazardous to Health Regulations

SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.

UK Guidance Publications

SI No. 972/1996: The Special Waste Regulations 1996
General Approved Code of Practice to COSHH Regulations, HSE.

EH40, Occupational Exposure Limits, HSE. Revised Annually.
EH44, Dust in the Workplace: General Principles of Protection, HSE.

EH26, Occupational Skin Diseases: Health and Safety Precautions, HSE.

CONIAC Health Hazard Information Sheet No.26 (Cement)

Footnote

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