



Specialist Construction Supplies for Repair, Maintenance, Building & Infrastructure

Sikatop 121 Safety Data Sheet

Safety Data Sheet

Product: **Sikatop 121**

Supplier:

Arcon Construction Supplies
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**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code SKT121A
Product Name Sikatop 121 Part A
Product Description 2-component polymer modified thin layer cementitious mortar.
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
Alkyl phenol ether sulphate		0.1% - 1.00%	Xi, N	R41, R51/53

3. HAZARD IDENTIFICATION

Main Hazards Not classified as hazardous.

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. Provide symptomatic medical treatment if required.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use DRY chemicals, CO2, alcohol foam or water spray.

Special Hazards of Product Combustion will produce smoke, carbon dioxide and carbon monoxide.

Protective Equipment for Fire-Fighting Wear self contained breathing apparatus.



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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

<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. (Nitrile, PVC., Rubber)
<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>	Milky-white.
<i>Odor</i>	Characteristic.
<i>pH</i>	7.5 (typical)
<i>Boiling Point °C</i>	100
<i>Flash Point °C</i>	Not applicable.
<i>Solubility - Water</i>	Miscible in water.
<i>Density (kg/m³)</i>	Approx. 1020 at 20 °C.
<i>Viscosity (at 20°C)</i>	Less than 200 at 20 °C. (measured as mPa.s)

10. STABILITY AND REACTIVITY

<i>Stability</i>	Stable under normal conditions.
<i>Conditions to avoid</i>	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. 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>	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>	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>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	None assigned

16. OTHER INFORMATION

<i>First Issue Date</i>	14.11.1995
<i>Revisions Highlighted</i>	Composition and Information on Ingredients
<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.
<i>UK Guidance Publications</i>	General Approved Code of Practice to COSHH Regulations, HSE.



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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.

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	SKT121B
Product Name	Sikatop 121 Part B
Product Description	2-component polymer modified thin layer cementitious mortar.
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% - 50.00%	Xi	R41
Silica,amorphous	69012-64-2	1.00% - 2.50%	-	-

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>	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

Occupational Exposure Limits - GB

Portland Cement	UK EH40: WEL 10 mg/m ³ 8h TWA. Dust, total inhalable:
	UK EH40: WEL 4 mg/m ³ 8h TWA. Dust, respirable:
Silica, amorphous	UK EH40: WEL 6 mg/m ³ 8h TWA. Dust, total inhalable:
	UK EH40: WEL 2.4 mg/m ³ 8h TWA. Dust, respirable:

<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>Flash Point °C</i>	Not applicable.
<i>Solubility - Water</i>	Partially soluble.
<i>Density (kg/m³)</i>	Approx. 1200. (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>	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. After contact with skin, wash immediately with plenty of: soap and water. Wear eye / face protection

16. OTHER INFORMATION

<i>First Issue Date</i>	14.11.1995
<i>Revisions Highlighted</i>	Composition / information on ingredients Exposure Controls and Personal Protection Toxicological Information 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 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.
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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