

**PRODUCT AND COMPANY IDENTIFICATION**

**Product Code** SKINJC190A  
**Product Name** Sika InjectoCem 190 Part A  
**Product Description** 2-component cementitious Injection System.  
**Manufacturer/Supplier** Sika Limited  
Watchmead  
Welwyn Garden City  
Hertfordshire.  
AL7 1BQ  
tel. 01707 394444  
Fax. 01707 329129

**COMPOSITION/INFORMATION ON THE COMPONENTS**Preparation - Hazardous ingredients ( Europe )

<b>Component</b>	<b>Concentration</b>	<b>Classification</b>	<b>Risk Phrases</b>
1) Cement	266-043-4 50.00%-100.00%	Xi	R36, R38, R43

**HAZARD IDENTIFICATION**

**Main Hazards** Irritating to skin.  
Irritating to eyes.  
May cause sensitisation by skin contact.

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.

**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.

**FIRE FIGHTING MEASURES**

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

**ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing.

**Spillages**Avoid creating a dust.  
Sweep up into suitable containers for recovery or disposal.**HANDLING AND STORAGE****Handling**Avoid inhaling dust.  
Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.**Storage**Use in well ventilated area.  
Storage area should be: cool. dry.**EXPOSURE CONTROLS/PERSONAL PROTECTION****Occupational Exposure Limits - GB**

1) Cement

UK EH40: OES 10mg/m<sup>3</sup> 8h TWA. Dust, total inhalable:  
UK EH40: OES 4mg/m<sup>3</sup> 8h TWA. Dust, respirable:**Engineering Control Measures**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.**Respiratory Protection**

If limits are exceeded use an approved dust mask.

**Hand Protection**

Wear suitable impervious gloves.

**Eye Protection**

Dust tight goggles.

**Body Protection**

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.

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

Powder.

**Color**

Grey.

**Odor**

None.

**pH**

Approx. 12 in water.

**Flash Point °C**

Not applicable.

**Solubility - Water**

Partially soluble.

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

Approx. 1.20. (loose) (measured as kg/litre)

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

Stable under normal conditions.

**Conditions to avoid**

Exposure to water or moisture.

**Materials to avoid**

Strong mineral acids.

**Hazardous Decomposition Products**

None known.



**SAFETY DATA SHEET**  
**Sika InjectoCem 190 Part A**

Date of issue - 14/05/2002.

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**TOXICOLOGICAL INFORMATION**

<i>Acute toxicity</i>	Low order of acute toxicity.
<i>Eye irritation</i>	Cement is a severe eye irritant.
<i>Skin irritation</i>	Cement and/or water/cement mixtures may cause irritant contact dermatitis, allergic (chromium) dermatitis, and/or burns.
<i>Sensitization - Skin</i>	The possibility of allergic sensitisation should be considered.

**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 product may be harmful to aquatic organisms.


**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.

**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

**REGULATORY INFORMATION**

<i>Label Requirements</i>	Irritant 
<i>Risk Phrases</i>	Irritating to eyes. Irritating to skin. May cause sensitisation by skin contact.
<i>Safety Phrases</i>	Avoid contact with skin. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves.  Contains chromium (VI). May produce allergic reaction.

**SAFETY DATA SHEET****Sika InjectoCem 190 Part A**

Date of issue - 14/05/2002.

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**OTHER INFORMATION**

<b><i>First Issue Date</i></b>	19.01.1999
<b><i>Revisions Highlighted</i></b>	Hazards Identification Regulatory Information
<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. Chemicals (Hazard Information and Packaging) Regulations, 2002. SI 1999/437: The Control of Substances Hazardous to Health Regulations SI No. 972/1996: The Special Waste Regulations 1996 SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.
<b><i>UK Guidance Publications</i></b>	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)
<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.

**PRODUCT AND COMPANY IDENTIFICATION**

<i>Product Code</i>	SKINJC190B
<i>Product Name</i>	Sika InjectoCem 190 Part B
<i>Product Description</i>	2-component cementitious Injection System.
<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 blend of a modified sulphonated melamine formaldehyde condensate.

**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.
<i>Ingestion</i>	Wash out mouth with water. Do not induce vomiting. 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. See also Section 10.
<i>Protective Equipment for Fire-Fighting</i>	Wear full protective clothing and self-contained breathing apparatus.

**ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Wear appropriate protective clothing.

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

Try to prevent the material from entering drains or water courses.

Small spillages may be flushed with large quantities of water.  
Contain and absorb using earth, sand or other inert material.  
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. dry. out of direct sunlight.  
Storage temperature should be controlled to between 5 and 25 °C.**EXPOSURE CONTROLS/PERSONAL PROTECTION****Engineering Control Measures**

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

**Respiratory Protection**

None 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**

Pale Brown

**Odor**

Odourless.

**pH**

Range between 8 to 9.

**Flash Point °C**

Not applicable.

**Solubility - Water**

Completely soluble.

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

Approx. 1.010 at 20 °C.

**Viscosity ( at 20°C )**

Mobile liquid at ambient temperatures.

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

Stable under normal conditions.

**Conditions to avoid**

Protect from frost

**Materials to avoid**

Mineral acids.

**Hazardous Decomposition Products**After evaporation of water, combustion will generate: oxides of carbon.  
oxides of nitrogen. oxides of sulphur. acrid smoke and irritating fumes.**TOXICOLOGICAL INFORMATION****Acute toxicity**

Low order of acute toxicity.

**Eye irritation**

May cause slight transient irritation.

**Skin irritation**

Unlikely to cause irritation from occasional contact

**ECOLOGICAL INFORMATION**

<i>Mobility</i>	The product will dissolve rapidly 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 non-hazardous 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. Empty packaging should be removed by a licensed waste contractor.

**TRANSPORT INFORMATION**

<i>UN : UN number</i>	Not classified.
<i>ADR/RID Proper shipping name</i>	Not Hazardous
<i>ADR/RID Class</i>	None assigned.
<i>IMDG : Proper shipping name</i>	None assigned.
<i>IATA : Proper shipping name</i>	Not classified.
<i>IATA : Class</i>	None assigned.

**REGULATORY INFORMATION**

<i>Risk Phrases</i>	None assigned.
<i>Safety Phrases</i>	The following can be considered as advisory.  Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**OTHER INFORMATION**

<i>First Issue Date</i>	19.01.1999
<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.
<i>UK Legislation</i>	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.
<i>UK Guidance Publications</i>	Approved Code of Practice - Management of Health and Safety at Work, HSE. General Approved Code of Practice to COSHH Regulations, HSE.



**SAFETY DATA SHEET**

**Sika InjectoCem 190 Part B**

**Date of issue - 22/03/2001.**

**SKINJC190B**

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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.