

**SAFETY DATASHEET  
LAPKON G5**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**Product identifier**

**Product name** LAPKON G5

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Cementitious Grouts

**Details of the supplier of the safety data sheet**

**Company : Silkon Additives India Pvt. Ltd.**

Address : 622-P, Sector-38, Gurugram HR-122001

Tel.No. : 18001236299 / 9717887038-----

**Emergency telephone number**

**Emergency telephone** 18001236299 / 9717887038

**SECTION 2: Hazards identification**

**Classification of the substance or mixture**

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified

**Health hazards** Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335

**Environmental hazards** Not Classified

**Label elements**

**Hazard pictograms**



**Signal word** Danger

**Hazard statements** H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.

**Precautionary statements** P261 Avoid breathing dust.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see medical advice on this label).  
P501 Dispose of contents/ container in accordance with national regulations.

**Contains** SILICA SAND, CEMENT

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<b>Supplementary precautionary statements</b>	<p>P260 Do not breathe dust.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>
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### Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>SILICA SAND</b>	<b>10-30%</b>
CAS number: 14808-60-7	EC number: 238-878-4
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Irrit. 2 - H319	-
<b>CEMENT</b>	<b>10-30%</b>
CAS number: 65997-15-1	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Corr. 1A - H314	-
Eye Dam. 1 - H318	
STOT SE 3 - H335	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Do not rub eye. Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

#### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Irritating to respiratory system.

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Ingestion	May cause stomach pain or vomiting.
Skin contact	May cause serious chemical burns to the skin.
Eye contact	Eye contact may cause serious and potentially irreversible injuries.

### **4.3. Indication of any immediate medical attention and special treatment needed**

Notes for the doctor	Treat symptomatically.
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### **SECTION 5: Firefighting measures**

#### **Extinguishing media**

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

#### **Special hazards arising from the substance or mixture**

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	No known hazardous decomposition products.

#### **Advice for firefighters**

Protective actions during firefighting	Avoid the spillage or runoff entering drains, sewers or watercourses. Contain and collect extinguishing water.
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.

### **SECTION 6: Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

Personal precautions	Avoid contact with skin and eyes. Wear protective clothing and gloves. Avoid inhalation of dust.
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#### **Environmental precautions**

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses.
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#### **Methods and material for containment and cleaning up**

Methods for cleaning up	Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.
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#### **Reference to other sections**

Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
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### **SECTION 7: Handling and storage**

#### **Precautions for safe handling**

Usage precautions	Wear protective clothing, gloves, eye and face protection. Wash skin thoroughly after handling.
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Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.
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#### **Conditions for safe storage, including any incompatibilities**

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<b>Storage precautions</b>	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
<b>Storage class</b>	Corrosive storage.
<b><u>Specific end use(s)</u></b>	
<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### Control parameters

#### Occupational exposure limits

#### **CEMENT**

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### Exposure controls

#### **Protective equipment**



**Appropriate engineering controls**

Provide adequate ventilation.

#### **Personal protection**

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### **Eye/face protection**

Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.

#### **Hand protection**

Nitrile gloves are recommended.

#### **Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

#### **Hygiene measures**

Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Remove contaminated clothing immediately.

#### **Respiratory protection**

Wear a suitable dust mask. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Powder.
<b>Odour</b>	None
<b>pH</b>	pH (concentrated solution): >12
<b>Initial boiling point and range</b>	> 1000°C
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	The product is not flammable.
<b>Solubility(ies)</b>	Insoluble in water Hardens in contact with water.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not considered to be explosive.

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<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### Other information

<b>Other information</b>	Not determined.
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## SECTION 10: Stability and reactivity

### Reactivity

<b>Reactivity</b>	When mixed with water, hardens to form a stable mass that is not reactive in normal conditions.
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### Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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### Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, no hazardous reactions will occur.
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### Conditions to avoid

<b>Conditions to avoid</b>	Water, moisture.
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### Incompatible materials

<b>Materials to avoid</b>	Strong acids.
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### Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Inhalation</b>	Irritating to respiratory system.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	May cause serious chemical burns to the skin.
<b>Eye contact</b>	Eye contact may cause serious and potentially irreversible injuries.

## SECTION 12: Ecological information

<b>Ecotoxicity</b>	The product is not expected to be hazardous to the environment.
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### Toxicity

<b>Toxicity</b>	Not considered toxic to fish.
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### Persistence and degradability

<b>Persistence and degradability</b>	The product is not biodegradable.
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### Bioaccumulative potential

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
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### 12.4. Mobility in soil

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**Mobility** Insoluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

### UN number

**UN No. (ADR/RID)** 1759

**UN No. (IMDG)** 1759

**UN No. (ICAO)** 1759

**UN No. (ADN)** 1759

### UN proper shipping name

**Proper shipping name (ADR/RID)** CORROSIVE SOLID, N.O.S. (CONTAINS CEMENT )

**Proper shipping name (IMDG)** CORROSIVE SOLID, N.O.S. (CONTAINS CEMENT )

**Proper shipping name (ICAO)** CORROSIVE SOLID, N.O.S. (CONTAINS CEMENT )

**Proper shipping name (ADN)** CORROSIVE SOLID, N.O.S. (CONTAINS CEMENT )

### Transport hazard class(es)

**ADR/RID class** 8

**ADR/RID classification code** C10

**ADR/RID label** 8

**IMDG class** 8

**ICAO class/division** 8

**ADN class** 8

### **Transport labels**



### Packing group

**ADR/RID packing group** I

**IMDG packing group** I

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ICAO packing group I

ADN packing group I

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

#### Special precautions for user

EmS F-A, S-B

ADR transport category 1

Emergency Action Code 2X

Hazard Identification Number 88  
(ADR/RID)

Tunnel restriction code (E)

#### Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Not applicable.

### **SECTION 15: Regulatory information**

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** The Manufacture, storage and import of hazardous chemicals rules 1989.

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** Safety Data Sheets for Substances and Preparations.

#### Chemical safety assessment

No chemical safety assessment has been carried out.

### **SECTION 16: Other information**

**General information** For professional use only. Only trained personnel should use this material.

**Revision comments** This is first issue.

**Revision** 00

**SDS number** 28250

**Hazard statements in full** H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.