

**SAFETY DATASHEET
LAPKON G3**

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

Product identifier

Product name LAPKON G3

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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Supplementary precautionary statements	<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

SILICA SAND	10-30%
CAS number: 14808-60-7	EC number: 238-878-4
Classification	Classification (67/548/EEC or 1999/45/EC)
Eye Irrit. 2 - H319	-
CEMENT	10-30%
CAS number: 65997-15-1	
Classification	Classification (67/548/EEC or 1999/45/EC)
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

General information	Remove affected person from source of contamination.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	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.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation persists after washing.
Eye contact	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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	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.
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.

Conditions for safe storage, including any incompatibilities

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Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Corrosive storage.

Specific end use(s)

Specific end use(s) 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/m³

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

Appearance

Powder.

Odour

None

pH

pH (concentrated solution): >12

Initial boiling point and range

> 1000°C

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

The product is not flammable.

Solubility(ies)

Insoluble in water Hardens in contact with water.

Viscosity

Not applicable.

Explosive properties

Not considered to be explosive.

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Explosive under the influence of a flame Not considered to be explosive.

Oxidising properties The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

Other information

Other information Not determined.

SECTION 10: Stability and reactivity

Reactivity

Reactivity When mixed with water, hardens to form a stable mass that is not reactive in normal conditions.

Chemical stability

Stability Stable at normal ambient temperatures.

Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

Conditions to avoid

Conditions to avoid Water, moisture.

Incompatible materials

Materials to avoid Strong acids.

Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation Irritating to respiratory system.

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.

SECTION 12: Ecological information

Ecotoxicity The product is not expected to be hazardous to the environment.

Toxicity

Toxicity Not considered toxic to fish.

Persistence and degradability

Persistence and degradability The product is not biodegradable.

Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

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.