

SAFETY DATASHEET

LAPKON 228

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

Product identifier

Product name **LAPKON 228**

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

Identified uses **Expanding and plasticising grout admixture.**

Details of the supplier of the safety data sheet

Supplier **Silkon Additives India Pvt Ltd**
622-P, Sector-38, Gurugram
Haryana-122001
18001236299 / 9717887038

Emergency telephone number

Emergency telephone **18001236299 / 9717887038**

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards **Not Classified**

Health hazards **Not Classified**

Environmental hazards **Not Classified**

2.2. Label elements

Hazard statements **NC Not Classified**

Contains **ALUMINIUM POWDER (STABILIZED)**

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

QUARTZ SAND	60-100%
CAS number: 14808-60-7	
Classification	Classification (67/548/EEC or 1999/45/EC)
Not Classified	-

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CALCIUM LIGNOSULPHONATE	10-30%
CAS number: 8061-52-7	EC number: 232-506-4
Classification Not Classified	

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting.
Skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	No specific requirements are anticipated under normal conditions of use.

4.2. Most important symptoms and effects, both acute and delayed

General information	No specific symptoms noted.
Inhalation	May cause coughing and difficulties in breathing.
Ingestion	May cause stomach pain or vomiting.
Skin contact	Prolonged and frequent contact may cause redness and irritation.
Eye contact	Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor	No specific recommendations. Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	None known.
Hazardous combustion products	Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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Personal precautions **Wear personal protective clothing and equipment, see Section 8.**

6.2. Environmental precautions

Environmental precautions **Avoid the spillage or runoff entering drains, sewers or watercourses.**

Methods and material for containment and cleaning up

Methods for cleaning up **Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.**

Reference to other sections

Reference to other sections **For waste disposal, see Section 13.**

SECTION 7: Handling and storage

Precautions for safe handling

Usage precautions **Avoid contact with skin and eyes.**

Advice on general occupational hygiene **Remove contaminated clothing and wash the skin thoroughly with soap and water after work.**

Conditions for safe storage, including any incompatibilities

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

Storage class **Chemical 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

8.1. Control parameters

Occupational exposure limits

CALCIUM LIGNOSULPHONATE

Long-term exposure limit (8-hour TWA): ACGIH/TLV:0.1 mg/m³ res

TLV - Threshold Limit Value ppm 5 mg/m³

ALUMINIUM POWDER (STABILIZED)

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

WEL = Workplace Exposure Limit

ALUMINIUM POWDER (STABILIZED) (CAS: 7429-90-5)

DNEL

Workers - Oral; Long term systemic effects: 3 mg/m³

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

Personal protection

Good personal hygiene procedures should be implemented.

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Eye/face protection	The following protection should be worn: Chemical splash goggles.
Hand protection	Nitrile gloves are recommended.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin.
Respiratory protection	Dust filter P2 (for fine dust).
Environmental exposure controls	Avoid release to the environment. Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Dusty powder.
Colour	Brown.
Odour	Odourless.
Relative density	1.30 - 1.40 g/cm ³
Solubility(ies)	Slightly soluble in water.
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	Not determined.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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Possibility of hazardous reactions

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

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects **No information available.**

General information **No specific health hazards known.**

Inhalation **May cause coughing and difficulties in breathing.**

Ingestion **May cause discomfort. May cause stomach pain or vomiting.**

Skin contact **Prolonged and frequent contact may cause redness and irritation.**

Eye contact **Prolonged contact may cause redness and/or tearing.**

Target organs **No specific target organs known.**

SECTION 12: Ecological information

12.1. Toxicity

Toxicity **Not considered toxic to fish.**

12.2. Persistence and degradability

Persistence and degradability **This product is not expected to be readily biodegradable.**

12.3. Bioaccumulative potential

Bioaccumulative potential **No data available on bioaccumulation.**

12.4. Mobility in soil

Mobility **The product is miscible with water and may spread in water systems.**

Results of PBT and vPvB assessment

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

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

General **The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).**

UN number

Not applicable.

UN proper shipping name

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Not applicable.

Transport hazard class(es)

No transport warning sign

required. 14.4. Packing group

Not applicable.

Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

Special precautions for user

Not applicable.

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

Transport in bulk according to **Not applicable.**

Annex II of MARPOL 73/78

and the IBC Code

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 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). 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).

Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	IARC: International Agency for Research on Cancer. IATA: International Air Transport Association. GHS: Globally Harmonized System.
General information	For professional use only. Only trained personnel should use this material.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	01/10/2019
Revision	4B
Supersedes date	07/08/2015
SDS number	28004

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.