



SAFETY DATA SHEET

Product Name : ARKITIGHT L
SDS Ref. No : SDS-7030
Revision : 06
Date of issue : 07.01.2026

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name : **ARKITIGHT L**
Product Description : Sodium Silicate Liquid Floor Hardener
Recommended Use : Decorative coating for building surfaces

Company Identification : **SKK (S) PTE LTD**
No 14 Pandan Road, Singapore 609262

Emergency Telephone Number : (65) 6 274 0020
Fax Number : (65) 6 6278 0060
Website : www.skk.com.sg

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazard

Not classified as a physical hazard under GHS criteria

Health Hazard

Not classified as a health hazard under GHS criteria

Environmental Hazard

Not classified as a environmental hazard under GHS criteria

GHS Pictogram

None

Signal Word

None

Hazard statements

None

Precautionary statements

None

Response

None

Storage

None

Disposal

None



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3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any substances presenting to physical, health or environmental hazard

4. FIRST AID MEASURES

- Inhalation** : Supply to fresh air and call for medical assistance immediately.
If not breathing, give artificial respiration, if breathing is difficult, give oxygen.
Keep at rest.
- Skin Contact** : Wash skin with mild soap and water immediately. Remove all contaminated clothes and shoes. Wash contaminated clothing before re-use.
If skin irritation persists, call a physician.
- Eye contact** : In case of eye contact, immediately rinse with clean water for at least 15 minutes. Get medical attention if irritation persists.
- Ingestion** : Do not induce vomiting. Rinse mouth with plenty of water.
Get immediate medical advice/attention immediately.

5. FIRE - FIGHTING MEASURES

Suitable extinguishing media : Alcohol resistant foam, Carbon dioxide, or dry chemical type.

Specific hazards arising from the chemical: Combustion products may include and are not limited to:
Carbon monoxide and Carbon dioxide.

Special Protective Equipment for Fire Fighter:

- Wear full protective clothing and NIOSH – approved self-contained breathing apparatus.
- Use water spray to cool fire-exposed surfaces and to protect personnel. If a leak or spill has not ignited, use water spray to disperse the vapours.
- Avoid spraying water directly into storage containers.
- Closed containers may explode when exposed to extreme heat.
- Avoid spreading burning liquid with water, isolate liquid.
- Do not allow runoff from fire fighting to enter drains or watercourses.
- If possible, isolate product from heat, electrical equipments, sparks and open flames.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Avoid contact spilled material with eyes. Do not inhale vapours.
- Wear appropriate protective equipments, eg. Safety shoes, gloves, safety glasses and respirators.



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Environmental Precautions

- Do not let spilled material enter drains. Do not flush into surface water of sanitary sewer system
- Eliminate sources of ignition.
- Contain spilled material with sand or other non-combustible absorbent materials
- Inform authorities if spilled material has enter a watercourse or sewer or has contaminated soil or gound.

Methods and materials for containments and Cleaning up

- Clean up all spills immediately.
- Absorb spill with absorbent and inert material, then place in container.
- Disposal in accordance to local/national regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid breathing gas/fumes/vapour. Avoid contact with skin and eyes. Take precautionary measures against static discharge. Use appropriate personal protective equipment. Keep out of reach of children. Handle containers with care. Open slowly in order to control possible pressure release. Protect from extreme of temperature.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed.

Containers that are opened should be properly resealed and kept upright to prevent leakage.

Store in cool, dry and well-ventilated place at temperature between 20°C to 40°C away from heat and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters/Occupational Limits

No exposure limit value known but if this product contains ingredients with exposure limits, all personnel and workplace atmosphere must ensure work carry out in an adequate ventilated condition.

Wear full protective clothing and use of NIOSH – approved respirators with organic vapour cartridges is recommended.

Appropriate Engineering Control Measures

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

Ensure eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

- Eye protection** : Use of safety glasses with side shield is recommended.
- Hand protection** : Chemical resistance gloves are recommended.
- Skin and body protection** : Wear chemical resistant clothes and safety shoes when handling product.
- Respiratory protection** : Use of appropriate breathing apparatus is recommended.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid
Color : Clear
Odor : Mild paint odour
PH : 8 – 10
Melting point/Freezing point : No data available
Boiling point/boiling range : No data available
Flash point : Not applicable (Aqueous system)
Evaporation rate : No data available
Flammability : No applicable
Lower and upper flammability limit : No data available
Vapour pressure : No data available
Vapour density : No data available
Specific gravity : 1.20 ± 0.05
Solubility : Yes
Partition coefficient : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under condition of normal use

Chemical stability

Stable under ordinary conditions of use and storage

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reaction will not occur.

Conditions to avoid

Keep away from oxidising agents, strong alkaline and strong acidic material to prevent exothermic reactions.
Avoid Heat, open flame and other ignition sources.

Hazardous decomposition products

Carbon Dioxide and Carbon monoxide , oxides of nitrogen and smoke may be produce when exposed to high temperature.

11. TOXICOLOGICAL INFORMATION

There is no data available on the products itself.

Toxicological information of substances:

Acute Oral toxicity

Harmful if swallowed



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Acute dermal/skin toxicity

May be harmful when in contact with skin

Acute inhalation toxicity

May caused irritating to eyes and respiratory tract if inhaled. May also possible cause headaches and dizziness and other central nervous system effects.

Skin Corrosion or Irritation

May cause skin irritation

Serious eye damage or Irritation

May be an eye irritant

Respiratory or skin sensitisation

May be irritating to eyes and respiratory tract

Germ cell mutagenicity

No information available on the product

Carcinogenicity

Titanium Dioxide

Titanium Dioxide is being classified by The International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B). This is being based on inadequate evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

Reproductive toxicity

No information available on the product

Specific Target Organ Toxicity (STOT)- Single Exposure

No information available on the product

Specific Target Organ Toxicity (STOT)- Repeated Exposure

No information available on the product

Asphyxiation hazard

May be harmful if swallowed and enters airways



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12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity – No data available

Persistence and degradability

Readily biodegradable

Bioaccumulative potential

No data available

Mobility in soil

No data available

Result of PBT and vPvB assessment

No data available

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Recycle wherever possible. Consult manufacturer for recycling options.

Do not dispose into the environment, in drains or in water courses.

Method of waste disposal are incineration or biological treatment in state/federal approved facility and must be accordance with local waste and environmental authority requirements.

Empty containers should be recycled or disposed through an approved waste licensed contractor.

14. TRANSPORT INFORMATION

Transport to be accordance with ADR/RID for road/rail, IMDG for sea and IATA for Air.

LAND TRANSPORT

Not classified as Dangerous Goods by the European Agreement criteria concerning the international carriage of Dangerous Goods (ADR) by Road & Regulations concerning the international carriage of Dangerous goods (RID) by Rail.

SEA TRANSPORT

Not classified as Dangerous Goods by the International Maritime Dangerous Goods Code (IMDG Code) criteria for transport of Sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air.



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15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this product.

Applicable national regulations:

Standard on Hazard communication for hazardous chemicals and dangerous goods

SS-586: Part 1: 2021- Transport and storage of dangerous goods

SS-586: Part 2:2022 – GHS of classification and labelling of chemicals

SS-586: Part 3: 2022 - Preparation of safety data sheet

MOM : Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations

NEA: Environmental Protection and Management Act & Environmental Protection and management (Hazardous Substances) Regulations

SCDF : Fire Safety Act & Fire Safety(Petroleum and Flammable Materials) Regulations

SPF : The Arms and Explosive Act, the Arms and Explosives (Explosives) Rules, and the Arms and Explosives

(Explosive Precursors) Rules

16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate and the source of information which we have obtained is believed to be reliable. However, we cannot assume any liability for the accuracy or completeness of this information. Due to the conditions of handling, storage, use and disposal of this product are beyond our control, we shall not be liable for any damages incurred by the use of this product.

All materials may present unknown hazards and should be always used with caution.

This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable