



Safety Data Sheet

DAI-ICHI™ SIL19 High Elastic Acrylic Sealant

Revision: 00 September 2020

SECTION 1. COMPANY IDENTIFICATION

- 1.1 Product Name : DAI-ICHI™ SIL19 High Elastic Acrylic Sealant
1.2 Chemical Classification : Sealant and adhesive
1.3 Manufacturer/Supplier : PLPT Global Supply Company Limited
Address : 77/133, Moo 5, Phraeksa Mai Rd., Phraeksa,
Muang, Samutprakarn, Thailand 10280
: Tel 662-351-0092
1.4 Emergency Telephone Number : Tel 662-351-0092 Fax. 662-351-0092

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 GHS Classification of substance or mixture
Serious eye damage/eye irritation : Category 2A
Skin sensitization : Category 2B

- 2.2 GHS Label element
Pictogram



Signal word : Warning

Hazard statements

- H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Precautionary statements

- P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ eye protection/ face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

- 2.3 Other hazards
None known.

SECTION 3. COMPOSITION

This product is classified as mixture.

Chemical name	CAS No.	Concentration (%w/w)
Acrylic emulsion	Trade secret	25-30
Calcium carbonate	1317-65-3	60-65
Water	7732-18-5	3-5
Dibutyl phthalate	84-74-2	5-10
Ethylglycol	110-80-5	1-2



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Titanium oxide	13463-67-7	<1
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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation Remove to fresh air. Get medical attention if symptoms occur.
Skin contact Wash with water and soap as a precaution. Get medical attention if symptoms occur.
Eye contact Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needs

Treat symptomatically and supportively.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray, alcohol-resistant foam, carbon dioxide (CO₂), and dry chemical

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance and mixture

Hazardous combustion products: Carbon oxides, aldehydes and ketones.

5.3 Special protective equipment and precautions for fire –fighters

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special protective equipment for firefighters: Wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

Follow safe handling advice and personal protective equipment recommendations.

6.2 Environmental precautions

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only with adequate ventilation. Do not breathe vapor, mist, or dust. Do not get on skin or clothing. Do not swallow. Do not get in eyes. Handle in accordance with good industrial hygiene and safety practice.



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7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with the particular national regulations. Store container protected from sunlight in a dry, cool, and well-ventilated area. Keep container tightly closed and sealed until ready for use. Do not store with strong oxidizing agent.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components	CAS-No.	Control parameters / Permissible concentration	Basis
Limestone	1317-65-3	15 mg/m ³ (total), 5 mg/m ³ (resp.) 10 mg/m ³ (total), 5 mg/m ³ (resp.)	OSHA PEL (TWA) NOISH PEL (TWA)

8.2 Appropriate engineering controls

Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

8.3 Personal protective equipment

Eye/ face protection	Safety goggles.
Skin/ body protection	Skin should be washed after contact. Wash hand before breaks and at the end of workday.
Respiratory protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Filter type combined particulates and organic vapour type.

8.4 Work/ Hygienic practices

Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION 9. PHYSICAL AND CHEMICAL PROPETERIES

a) Appearance and color	White paste
b) Odor	Characteristics
c) Odor threshold	No data available
d) pH	Not applicable
e) Melting point/ freezing point	No data available
f) Initial boiling point and boiling	100°C
g) Flash point	No data available
h) Evaporation rate	Not applicable
i) Flammability (solid, gas)	Not classified as a flammability hazard
j) Self-ignition	The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self heating.
k) Upper explosion limit	No data available
l) Lower explosion limit	No data available
m) Vapour pressure	Not applicable
n) Relative vapour density	No data available
o) Density	1.66 ± 0.05 g/cm ³
p) Solubility	Miscible in water
q) Partition coefficient: n-octanol/ water	No data available
r) Auto-ignition temperature	No data available
s) Decomposition temperature	No data available



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|-------------------------|--|
| t) Viscosity | 300,000-500,000 cps |
| u) Explosive properties | Not explosive |
| v) Oxidizing properties | The substance or mixture is not classified as oxidizing. |

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous decomposition products will be formed at elevated temperatures.

10.4 Conditions to avoid

None known.

Incompatible materials

Oxidizing agents.

10.5 Hazardous decomposition products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on the likely routes of exposure

Skin contact

Eye contact

11.2 Symptoms related to physical, chemical, and toxicological characteristics

Inhalation No specific data.

Skin contact Mild skin irritation including redness, swelling, itching and dryness

Eye contact Eye irritation including redness, swelling, pain and tearing

Ingestion No specific data.

11.3 Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure/ long term exposure

Potential immediate effects Not available.

Potential delayed effects Not available.

Potential chronic health effects Not available.

11.4 Acute toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Acute aquatic toxicity No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Other adverse effects

No known significant effects or critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste from residues:

Dispose of in accordance with local regulations.

13.2 Contaminated packaging:

Empty containers should be taken to an approved waste handling



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site for recycling or disposal. If not otherwise specified, dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

14.1 UNRTDG	: Not regulated as a dangerous good
14.2 IATA-DGR	: Not regulated as a dangerous good
14.3 IMDG-Code	: Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
Hazardous Substance Act B.E. 2535 : Not applicable

SECTION 16. OTHER INFORMATION

For Industrial Only

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