




SAFETY DATA SHEET

Silane

1. IDENTIFICATION

Product Name:	Silane
Product Codes:	DL1711 - 2x2.5mL Syringe Kit
Recommended use:	For preparation of porcelain or ceramic surfaces.
Contact Information:	Dentalife Australia Pty. Ltd. Factory 9/505 Maroondah Highway Ringwood, VIC, 3134, Australia Phone: +61 3 9879 1226
Emergency Telephone Number:	+61 3 9879 1226
Poisons Information Centre:	24 hour, 7 days a week in an emergency call: 13 11 26

2. HAZARD IDENTIFICATION

Classification:	Hazardous Material
Signal Word:	WARNING
Label Elements: Pictograms	
Hazard Statement:	H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H314 Causes severe skin burns and eye damage H335 May cause respiratory irritation
Precautionary Statements (Prevention):	P102 Keep out of reach of children P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face



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Precautionary Statements (Response):

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion %</u>
Methacryloxy propyl trimethoxy silane	Not applicable	< 6
Isopropyl Alcohol	67-63-0	to 100

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Seek immediate medical assistance without delay.
Transport to hospital or doctor without delay.
Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact: Wash affected areas with copious quantities of water immediately.

Inhalation: If fumes are inhaled, remove to fresh air. Seek medical attention if symptoms persist.

Ingestion (swallowing): Immediately rinse mouth thoroughly with water and give plenty of water to drink provided subject is completely conscious. Do NOT induce vomiting. Seek immediate medical assistance without delay.

Indication of any immediate medical attention and special treatment needed

First aid facilities: Eye wash stations and safety showers should be readily available.

Comments: Treat according to person's condition and specifics of exposure.



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Advice to Doctor: Consult Poisons Information Centre Ph : 13 11 26. Ensure skin is thoroughly irrigated to remove all traces of product and thus avoid any possible reaction with locally applied medication.

5. FIRE FIGHTING MEASURES

Extinguishing media: There is no restriction on the type of extinguisher which may be used.
Use extinguishing media suitable for surrounding area.

Unusual fire and explosion hazards: Heat may cause evolution of corrosive fumes.

Special protective equipment: Wear self-contained breathing apparatus and protective gear to minimise risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Protective gloves and safety glasses should be worn.

Environmental precautions: Prevent from entering into drains, native or natural environments, ie river systems

Methods and materials for containment and cleaning up: Clean up spills immediately. Wear suitable protective clothing. Remove spills using plenty of water and a soft sponge or towel. Remove immediately to avoid staining or damaging surfaces. Material can be disposed according to local regulation.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Ensure cap for syringe is replaced and tightly closed immediately after use.

Conditions for Safe Storage: Store in a cool place at temperatures below 25°C.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:	No exposure limits allocated
Biological limit values:	No biological limit allocated
Engineering controls:	Adequate general and local ventilation is required.
Personal protective equipment:	Plastic not rubber Gloves. Safety Glasses, goggles or face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Clear
Odour:	No distinct odour
pH of gel	Not available
Vapour pressure:	Not available
Boiling point (°C):	82°C
Melting Point (°C):	-89°C
Vapor Pressure:	Aqueous solution
Solubility in water (g/L):	Complete
Specific Gravity:	~0.8g/mL at 20°C
Flammability limits (%):	None

10. STABILITY AND REACTIVITY

Reactivity:	Flammable liquid
Chemical Stability:	Stable under normal use conditions
Conditions to avoid	Excessive heat
Incompatible materials and possible hazardous reactions:	Not available
Hazardous polymerisation:	Will not occur
Hazardous Decomposition Products:	No data available



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11. TOXICOLOGICAL INFORMATION

Likely Route of Exposure: [X] Inhalation [X] Skin contact [X] Ingestion

Health Effects From Likely Route of Exposure:

Acute

Ingestion: Irritating to mouth, throat and stomach

Eye: Severe eye irritation.

Skin: May cause slight irritation.

Inhalation: Toxic by ingestion

Chronic

Ingestion: Toxic if swallowed

Skin: May cause severe burns, and toxic through absorption

Inhalation: May cause extreme irritation of the respiratory tract.

Mutagenicity: No evidence of mutagenic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Slightly hazardous for water.
Persistence and Degradability:	No data available
Bioaccumulation Potential:	No information available
Mobility in soil:	No information available
Other adverse effects:	No recognized unusual toxicity to plants or animals

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.
Disposal of Contaminated Packaging:	Recycle /reconditioned at an approved facility.
Environmental Regulations:	Not relevant

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14. TRANSPORT INFORMATION

U.N. Number: 1987
Hazchem Code: 2[X]E
CAS Number: See ingredients

Dangerous Goods Class: 3
Subsidiary Risk: None
Pack. Group: II

15. REGULATORY INFORMATION

SUSDP Poisons Schedule: Not applicable
Prohibition/licensing requirements: N/A
Industrial chemicals (notification and assessment) Act 1989: N/A

16. OTHER INFORMATION

Product is considered safe if used as intended.
Product is intended for professional dental use only.

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. No warranty, either expressed or implied, is made with respect to the information or the product to which the information refers. Each user must review this SDS in the context of how the product will be handled and used in the workplace.

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