



MATERIAL SAFETY DATA SHEET

Product: DL Silane

Product Code: DL1711 - 2x2.5mL Syringe Kit

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DL Silane Kit

Recommended use: For preparation of porcelain or ceramic surfaces.

Contact Information	Organisation	Location	Telephone
	Dentalife Australia Pty Ltd	Factory 9 / 505 Maroondah Highway Ringwood VIC 3134 Australia	+61 3 9879 1226
Poisons Information Centre (24 hour, 7 days a week) in an emergency :			13 11 26

2. HAZARD IDENTIFICATION

2.1 Classification: Hazardous Material

2.2 Signal Word: Warning



2.3 Label Elements: Pictograms

2.4 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.

2.5 Precautionary Statements: 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 protection

2.6 Response Statements 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.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion %</u>
Isopropyl Alcohol	67-63-0	To 100%
Methacryloxy propyl trimethoxy silane	7803-62-5	< 6%

4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

Ingestion:	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.
Eye:	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.
Skin:	Wash affected areas with copious quantities of water immediately.
Inhalation:	If fumes are inhaled, remove to fresh air. Seek medical attention if symptoms persist.

4.2 Medical Attention and Special Treatment

First Aid Facilities:	Eye wash stations and safety showers should be readily available .
Comments:	Treat according to person's condition and specifics of exposure.
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

5.1 Suitable extinguishing media: There is no restriction on the type of extinguisher which may be used.

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

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



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6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions:** Protective gloves and safety glasses should be worn..
- 6.2 Environmental precautions:** Prevent from entering into drains, native or natural environments, ie river systems
- 6.3 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

- 7.1 Precautions for Safe Handling:**
Ensure cap for syringe is replaced and tightly closed immediately after use.
- 7.2 Conditions for Safe Storage, Including Any Incompatibilities:**
Store in a cool place at temperatures below 25°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 National Exposure Standards:** No exposure limits allocated.
- 8.2 Biological Limit Values:** No biological limit allocated.
- 8.3 Engineering Controls:** Adequate general and local ventilation is required.
- 8.4 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 odor
pH of Gel.....: N/A
Vapour Pressure: N/A
Boiling Point (°C): 82 °C
Melting point (°C): -89 °C
Solubility in Water (g/L) ...: Complete
Specific Gravity: ~0.8g/mL @ 20°C
Flammability Limits (%) ...: None
Other Properties.....: N/A



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10. STABILITY AND REACTIVITY

- 10.1 **Reactivity:** Flammable Liquid
- 10.2 **Chemical Stability:** Stable under normal use conditions
- 10.3 **Conditions To Avoid:** Excessive heat..
- 10.4 **Incompatible Materials and Possible Hazardous Reactions:** N/A
- 10.5 **Hazardous Decomposition Products:** No Data Available.
- 10.6 **Hazardous Polymerisation:** Will not occur.

11. TOXICOLOGICAL INFORMATION

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

11.2 **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 absorbtion

Inhalation: May cause extreme irritation of the respiratory tract.

Mutagenicity No evidence of mutagenic effects.

12. ECOLOGICAL INFORMATION

- 12.1 **Ecotoxicity:** Slightly hazardous for water.
- 12.2 **Persistence and Degradability:** No data available.
- 12.3 **Bioaccumulation Potential:** No information available
- 12.4 **Mobility in Soil:.** No information available
- 12.5 **Other Adverse Effects:** No recognized unusual toxicity to plants or animals.



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13. DISPOSAL CONSIDERATIONS

13.1 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.

13.2 Disposal of Contaminated Packaging: Recycle /reconditioned at an approved facility..

13.3 Environmental Regulations: Not relevant.

14. TRANSPORT INFORMATION

U.N. Number : 1987

Dangerous Goods Class : 3



Hazchem Code : 2[X]E.

Subsidiary Risk : None

CAS Number : See ingredients

Pack. Group: II

15. REGULATORY INFORMATION

15.1 SUSDP Poisons Schedule: Not applicable

15.2 Prohibition / Licensing Requirements: N/A

15.3 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 MSDS 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 MSDS in the context of how the product will be handled and used in the workplace.

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