



## 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
Chemcall 24 Hour Emergency Number (Australia)		1800 127 406

### 2. HAZARD IDENTIFICATION

Product is corrosive and may cause destruction of tissue or burns when comes in contact.

Risk phrases – **11:** Highly flammable

Safety phrases – **1/2:** Keep locked up and out of reach of children.

**24/25:** Avoid contact with skin and eyes.

**26** In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

**28** After contact with skin, wash immediately with plenty of water

### 3. COMPOSITION/INFORMATION ON INGREDIENTS



## MATERIAL SAFETY DATA SHEET

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion (% w/v)</u>
Isopropyl Alcohol	67-63-0	< 95%
Methacryloxy propyl trimethoxy silane	7803-62-5	< 10%

### 4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

Swallowed:	Wash mouth out thoroughly with cold water. DO NOT INDUCE VOMITING. Give plenty of water to drink and include effervescent calcium gluconate tablets. If not available, use milk. Seek medical attention immediately.
Eye (Contact):	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes, by clock, holding the eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Continue irrigation with normal saline or water until the severe pain of the burn is relieved. Seek medical attention.
Skin (Contact):	Immediately, flush contaminated area with running water.
Inhaled:	Remove from exposure or source of contamination or move victim to fresh air. In severe cases, or if exposure or reaction has been great, seek medical advice immediately.

### 5. FIRE FIGHTING MEASURES

#### Extinguishing Media

There is no restriction on the type of extinguisher which may be used.

#### Fire/Explosion Hazard

Unusual Fire and Explosion Hazards: Heat may cause evolution of corrosive fumes.

Special protective equipment:	Wear approved respirator and protective gear. Use water spray to cool containers.
-------------------------------	---

### 6. ACCIDENTAL RELEASE MEASURES



## MATERIAL SAFETY DATA SHEET

**Personal precautions:** Do not get into eyes, on skin or clothing

**Environmental precautions:** Prevent large spillage from entering waterways, drains or sewage system.

**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

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

**Storage:** Stored in a cool place at temperatures below 25°C.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Not required under normal conditions of use.
Hand protection:	Rubber, latex or PVC gloves.
Eye protection:	Safety glasses, goggles or face shield.
General safety and hygiene measures:	Follow good housekeeping practices and good industrial hygiene in handling this material.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance .....: Clear liquid

Boiling Point (°C) .....: 82

Melting point (°C) .....: -89

Vapour Pressure .....: Not available

Specific Gravity .....: ~ 0.8 g/mL

Flammability Limits (%) ...: Not available

Solubility in Water (g/L) ...: Complete



## MATERIAL SAFETY DATA SHEET

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Condition to avoid:** Avoid excessive heat.

**Hazardous decomposition products:** No data available.

**Hazardous reactivity (polymerization):** Does not occur.

### 11. TOXICOLOGICAL INFORMATION

**Acute**

Ingestion : Irritating to mouth, throat and stomach.

Eye : Severe eye irritation.

Skin : May cause slight irritation

Inhaled : Toxic by ingestion.

**Chronic :** No further data

### 12. ECOLOGICAL INFORMATION

**Self Assessment:** Slightly hazardous for water. Do not allow large quantities to reach sewage System and waterways

### 13. DISPOSAL CONSIDERATIONS

**Disposal** 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.

### 14. TRANSPORT INFORMATION

U.N. Number : UN1987

Dangerous Goods Class : Not applicable



## MATERIAL SAFETY DATA SHEET

Hazchem Code : Not applicable                      Subsidiary Risk : Not applicable

CAS Number : See ingredients                      Pack. Group. : II

This product is not considered to be a dangerous good within the meaning of transportation regulations.

### 15. REGULATORY INFORMATION

Poisons Schedule: Not applicable

### 16. OTHER INFORMATION

Product is considered safe if used as intended.

Product is intended for Healthcare Use only.

**Literature References**                      No data available.

**Sources for Data**                              No data available.

**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.**

Date of Issue : 06/03/2014                      Version 1

Next Review : March 2016