



**Davco Construction Materials Pty Limited**

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## MATERIAL SAFETY DATA SHEET

### 1. Identification of Material and Supplier

<b>Product Name</b>	<b>Davsil Silicone</b>		
<b>Other Names</b>	n.all.		
<b>Recommended Use</b>	Sealant		
<b>Supplier Name</b>	Davco Construction Materials Pty Ltd		
<b>Address</b>	67 Elizabeth St, Wetherill Park, NSW, Australia 2164		
<b>Web Address</b>	www.davco.com.au		
<b>Telephone</b>	61 2 9616 3000	<b>Facsimile</b>	61 2 9725 5551
<b>Technical Support</b>	1800 653 347	<b>Emergency: Spill, First Aid etc</b>	1800 807 001

### 2. Hazards Identification

<b>Hazard Classification</b>	This product is non-hazardous according to the criteria of the NOHSC, is not a DG Substance according to the ADG Code, is not a Scheduled Poison according to the SUSDP, is not a flammable or combustible liquid according to AS 1940 and all components are listed on the AICS.
<b>Risk Phrases</b>	None allocated to product. For Triacetoxymethylsilane present at < 5 % : R 14 Reacts violently with water, R 34 Causes burns. (See also page 2)
<b>Safety Phrases</b>	None allocated for product (See also page 3)

### 3. Composition/Information on Ingredients

Chemical Identity	Proportion	CAS No
Triacetoxymethylsilane	< 5 %	17689-77-9
All other ingredients determined to be non-hazardous or below cut-off values	to 100 %	n.a.

## 4. First Aid Measures

### 4.1 Symptoms of Exposure by Route

#### SWALLOWED

Small amounts ingested in the course of normal handling will have little or no effect. Larger amounts may cause nausea and stomach discomfort.

#### EYE

May cause eye irritation. May cause superficial transient burns to eye unless promptly removed by flushing.

#### SKIN

May cause minor irritation to the skin

#### INHALED

May irritate the upper respiratory tract.

### 4.2 First Aid Instructions

#### SWALLOWED

Do not induce vomiting. Rinse mouth clear with water and give two glasses to drink. If patient involuntarily vomits encourage to lean forward to avoid aspirating. If symptoms persist seek prompt medical help.

#### EYE

Immediately: Hold eye open and flush with clean water for at least 15 minutes. While flushing, gently pull upper and lower eyelids away from eyes and ensure carefully flushed. If symptoms persist seek prompt medical attention.

#### SKIN

Remove contaminated clothing. Wash affected area with soap and water for at least 10 minutes. If symptoms persist seek medical assistance.

#### INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.

#### FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

### Notes to Physician (for symptoms of over-exposure to this product see above)

#### Possible symptoms of Chronic Health Effects

None found in a search of relevant literature.

#### Possible aggravated pre-existing conditions

None reported.

#### Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reaction to the exposure. For further information contact the :

**POISONS INFORMATION CENTRE 13 11 26 in all States (New Zealand Dial 0800 764 766)**

## 5. Fire Fighting Measures

### 5.1 Flammability and Explosion Hazards

Not likely events. Product extremely difficult to ignite. In large fire will emit CO<sub>x</sub>

### 5.2 Hazardous Combustion Products

CO<sub>x</sub>

### 5.3 Suitable Extinguishing Media

Foam, dry chemicals or carbon dioxide.

**Hazchem Code:** Not allocated

### 5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

## 6. Accidental Release Measures

### 6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Prevent material entering drains or waterways. Wear suitable protective clothing. Scrape up and collect in plastic containers. Fit lids, label and place in a safe area to await disposal. Thoroughly ventilate area before continuing normal work.

## 7. Handling and Storage

### 7.1 Handling Advice

Wear suitable protective clothing. Keep product away from water.

### 7.2 Storage Advice

Store in a cool, dry area. Keep away from water. Storage life in ideal conditions 365 days.

## 8. Exposure Controls/ Personal Protection

### 8.1 Exposure Standards

No exposure standards have been set by the NOHSC for this product or its ingredients.

*Substance*

*TWA*

*STEL*

### 8.2 Engineering Control Methods

Provide comfort level ventilation.

### 8.3 Personal Protective Equipment Respiratory Protection

Not usually required. If significant vapours are present at an uncomfortable level use respirator with an organic vapour filter to AS 1715 & 1716. Use SCBA in confined spaces.

#### Eye Protection

Use safety glasses with side shields or goggles to AS 1337.

#### Gloves

When mixing and applying wear nitrile rubber, Teflon or viton gloves to AS 2161.

#### Clothing

Wear cotton or Tyvec coveralls fastened at the neck and wrist. Supplement with a rubber or PVA apron if required.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Variable coloured paste	<b>Odour:</b>	Vinegar-like
<b>Freezing/ Melting Point:</b>	n.d.	<b>Boiling Point:</b>	n.d.
<b>Density:</b>	1.0 - 1.3	<b>Vapour Pressure:</b>	n.d.
<b>Solubility in water :</b>	Insoluble	<b>Volatiles:</b>	n.d.
<b>Flash Point:</b>	n.d.	<b>Flammability Limits:</b>	n.d.
<b>Auto Ignition Point:</b>	n.a.	<b>AS 1940 Classification:</b>	n.a.
<b>Other Properties</b>	May react in contact with water.		

## 10. Stability and Reactivity

Under normal conditions of use and handling the product is stable.

## 11. Toxicological Information

No product relevant data found.

## 12. Ecological Considerations

Triacetoxymethylsilane: LC 50 96 hours: 250 mg/L (Brachydanio Rerio) EC50 48 hours: 62 mg/L (Daphnia Magna)  
EC50 72 hours: 73 mg/L (Scenedesmus Subspicatus) VOC: 4 %, Insoluble in water, substance sinks to bottom.

## 13. Disposal Considerations

Disposal must be in accordance with local regulations for non-hazardous chemical wastes.

## 14. Transport Information

Requirements under the ADG Code, the IMDG Code or the IATA DG Regulations do not apply to this product.

## 15. Regulatory Information

No special labelling requirements under the *Code of Practice for the labelling of Workplace Substances*(NOHSC:2012[1994]), the *ADG Code* or the *SUSDP* apply to this product.

## 16. Other Information

**Date of Issue:** 1/08/2006 New MSDS (Version 1.0 ) to comply with National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003).

**Data Sources used:** in the preparation of this MSDS include: "Chempendium" and "MSDS plus Cheminfo" published in CD format by CCOHS Canada 2005 - 4."TOMES" a CD database published by Micromedex, USA, "Hazardous Properties of Industrial Materials" Van Nostrand Rheinhold NY, USA . "List of Designated Hazardous Substances" NOHSC 10005:1999, "National Exposure Standards" NOHSC 1003:1995 . **Abbreviations used:** n.d = not determined, n.a = not applicable, n.all =not allocated, SUSDP = Standard for the Uniform Scheduling of Drugs and Poisons, ADG = Australian Dangerous Goods Code, IATA = International Air Transport Association, (Dangerous Goods Regulations), IMDG = International Maritime Dangerous Goods (Code)

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