



## Safety Data Sheet

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LOCTITE SI 5331 WH TB100ML EN/D

SDS No. : 152750

V001.3

Date of issue: 29.07.2016

### Section 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** LOCTITE SI 5331 WH TB100ML EN/D

**Intended use:** Silicone sealant

**Supplier:**

Henkel Australia Pty Ltd  
135-141 Canterbury Road  
Kilsyth, Victoria, 3137  
Australia

Phone: +61 (3) 9724 6444

**Emergency information:** 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

### Section 2. Hazards identification

**Classification of the substance or mixture**

Hazardous according to the criteria of Safe Work Australia.

**GHS Classification:**

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin irritation	Category 2
Serious eye damage/eye irritation	Category 1
Acute hazards to the aquatic environment	Category 3

**Hazard pictogram:**



**Signal word:** Danger

**Hazard statement(s):** H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H402 Harmful to aquatic life.

**Precautionary Statement(s):**

**Prevention:** P264 Wash hands thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing.

**Disposal:** P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

**Dangerous Goods information:**

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Section 3. Composition / information on ingredients**

**General chemical description:** Mixture  
**Type of preparation:** Acetoxy curing silicone

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Methylsilanetriyl triacetate	4253-34-3	< 5 %
non hazardous ingredients~		60- 100 %

**Section 4. First aid measures**

**Ingestion:** Do not induce vomiting.  
Seek medical advice.

**Skin:** Rinse with running water and soap.  
Seek medical advice.

**Eyes:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Immediate medical treatment necessary.

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**First Aid facilities:** Eye wash and safety shower  
Normal washroom facilities

**Medical attention and special treatment:** Treat symptomatically.

### Section 5. Fire fighting measures

<b>Suitable extinguishing media:</b>	Carbon dioxide, foam, powder Fine water spray
<b>Improper extinguishing media:</b>	None known
<b>Decomposition products in case of fire::</b>	Formaldehyde carbon oxides. Silica fume.
<b>Particular danger in case of fire::</b>	None
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus.
<b>Additional fire fighting advice:</b>	In case of fire, keep containers cool with water spray. Collect contaminated fire fighting water separately. It must not enter drains.

### Section 6. Accidental release measures

<b>Personal precautions:</b>	Avoid contact with skin and eyes. Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not let product enter drains.
<b>Clean-up methods:</b>	Scrape up as much material as possible. Ensure adequate ventilation. Store in a partly filled, closed container until disposal.

### Section 7. Handling and storage

<b>Precautions for safe handling:</b>	Use only in well-ventilated areas. Vapours should be extracted to avoid inhalation.
<b>Conditions for safe storage:</b>	Store in sealed original container protected against moisture. Store in a cool, well-ventilated place. Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

### Section 8. Exposure controls / personal protection

**National exposure standards:**

None

**Engineering controls:** Ensure good ventilation/suction at the workplace.

**Eye protection:** Wear chemical goggles and face shield.

**Skin protection:** Wear protective equipment.  
Nitrile rubber gloves should be worn.

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

**Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

**Section 9. Physical and chemical properties**

**Appearance:** white  
liquid  
**Odor:** Acetic acid  
**Flash point:** > 100 °C (> 212 °F)  
**Vapor density:** Heavier than air  
**Density:** 1.14 g/cm<sup>3</sup>  
**Solubility in water:** Polymerises in presence of water.  
**VOC content:** < 5 %  
(2010/75/EC)

**Section 10. Stability and reactivity**

**Stability:** Stable under recommended storage conditions.  
**Conditions to avoid:** Stable under normal conditions of storage and use.  
**Incompatible materials:** Strong oxidizing agents.  
Polymerises in presence of water.  
**Hazardous decomposition products:** At higher temperatures (>150C) may release formaldehyde (traces).  
Acetic acid is liberated slowly upon contact with moisture.

**Section 11. Toxicological information**

**Health Effects:**  
**Ingestion:** Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.  
**Skin:** Irritating to skin.  
Symptoms may include redness, edema, drying, defatting and cracking of the skin.  
**Eyes:** Causes serious eye damage.  
Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.  
**Inhalation:** May cause irritation to nose and throat.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Methylsilanetriyl triacetate 4253-34-3	LD50	1,600 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)

**Section 12. Ecological information**

**General ecological information:** Cured Loctite products are typical polymers and do not pose any immediate environmental hazards., Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

**Ecotoxicity:** Harmful to aquatic life.

### Section 13. Disposal considerations

**Waste disposal of product:** Dispose of in accordance with local and national regulations.  
Small amounts of cured or dried product residues can be disposed of as household waste or as industrial waste similar to household waste.

**Disposal for uncleaned package:** After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.  
Disposal must be made according to official regulations.

### Section 14. Transport information

**Road and Rail Transport:**

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**General information:**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

### Section 15. Regulatory information

**SUSMP Poisons Schedule** None

**AICS:** All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

### Section 16. Other information

**Abbreviations/acronyms:** ADGC - Australian Dangerous Goods Code  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IMDG: International Maritime Dangerous Goods code

**Reason for issue:** Reviewed MSDS. Reissued with new date. involved chapters: 1 - 16

**Date of previous issue:** 21.05.2013

**Disclaimer:**

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