



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE 5331 THREAD SEALANT

Product-Code: 142492

Intended use: Silicone sealant

Supplier:

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

Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Not hazardous according to the criteria of ASCC.

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).

Signal word:

None

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Methylsilanetriyl triacetate	4253-34-3	1 - 5 %

SECTION 4. FIRST AID MEASURES

Ingestion: Do not induce vomiting.
Seek medical advice.

Skin: Rinse with running water and soap.
Obtain medical attention if irritation persists.

Eyes: Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

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



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SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam, powder Fine water spray
Improper extinguishing agent:	None known
Decomposition products in case of fire:	Formaldehyde carbon oxides. Silica fume.
Particular danger in case of fire:	None
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus.
Additional fire fighting advice:	In case of fire, keep containers cool with water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Use only in well-ventilated areas. Vapours should be extracted to avoid inhalation.
Conditions for safe storage:	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 protective glasses.



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Skin protection:

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)
Density:	1.14 g/cm ³
Solubility:	Solvent: , Polymerises in presence of water.
VOC content (2004/42/EC)	< 5 % (As defined in the Council Directive 2004/42/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:	May cause mild skin irritation.
Eyes:	Vapors may irritate eyes. Contact with eyes will cause irritation.
Inhalation:	May cause irritation to nose and throat.

Toxicity data:

No data available.



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SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.
In the cured state contribution of this product to Environmental Hazards is insignificant in comparison to articles in which it is used.
Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

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.

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).

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

SUSDP 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
ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

Reason of change: Reviewed MSDS. Reissued with new date. involved chapters: 1-16

Date of previous issue: 28.05.2008

Disclaimer:



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