



Safety Data Sheet

LOCTITE SF 770 BO100ML AU

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SDS No. : 677038

V001.1

Date of issue: 10.11.2021

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

Product name: LOCTITE SF 770 BO100ML AU

Intended use: Primer

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:

Hazard Class

Flammable liquids
Serious eye irritation
Target Organ Systemic Toxicant -
Single exposure

Hazard Category

Category 2
Category 2A
Category 3

Target organ

Central nervous system

Hazard pictogram:



Signal word:

Danger

Hazard statement(s):	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary Statement(s):	
Prevention:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing mist/vapours. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response:	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
Storage:	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.
Disposal:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Dangerous Goods information:

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: Primer, containing solvents

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
isopropyl acetate	108-21-4	60- <= 100 %
1,8-Diazabicyclo[5.4.0]undec-7-ene	6674-22-2	< 1 %

Section 4. First aid measures

Ingestion: Rinse mouth, do not induce vomiting, consult a doctor.
Skin: Rinse with running water and soap.
Seek medical advice.

Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Inhalation:	Move to fresh air. Seek medical advice.
First Aid facilities:	Normal washroom facilities Eye wash

Section 5. Fire fighting measures

Suitable extinguishing media:	Foam, extinguishing powder, carbon dioxide.
Improper extinguishing media:	High pressure waterjet
Combustion behaviour:	Solvent containing flammable product. In case of fire toxic gases are released.
Decomposition products in case of fire:	Oxides of carbon. Oxides of hydrocarbons.
Particular danger in case of fire:	Do not expose to direct heat. Vapors are heavier than air and may travel along floor to an ignition source.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Additional fire fighting advice:	In case of fire, keep containers cool with water spray.

Section 6. Accidental release measures

Personal precautions:	Ensure adequate ventilation. See advice in section 8
Environmental precautions:	Do not let product enter drains.
Clean-up methods:	Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Absorb the spilled material with an inert absorbent (nonflammable) material. Store in a partly filled, closed container until disposal. Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Precautions for safe handling:	Keep away from heat, spark and flame. Ensure good ventilation/suction at the workplace. Wear suitable protective clothing, safety glasses and gloves. See advice in section 8
Conditions for safe storage:	Store in a cool, dry place. Do not store near sources of heat or ignition, or reactive materials. Refer to AS 1940: The Storage and Handling of Flammable and Combustible Liquids.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
ISOPROPYL ACETATE 108-21-4						310	1,290
ISOPROPYL ACETATE 108-21-4		250	1,040				

Engineering controls:

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Eye protection:

Wear protective glasses.

Skin protection:

Wear suitable protective clothing.
The use of chemical resistant gloves such as Nitrile is recommended.
Use nitrile gloves and aprons as necessary to prevent contact. Do not use PVC, nylon or cotton.
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:

Use only in well-ventilated areas.
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:	Transparent, Clear Liquid
Odor:	Aromatic
pH:	Not applicable, Mixture is non-soluble (in water).
Specific gravity:	0.87
Flash point: (Tagliabue closed cup)	4 °C (39.2 °F)
Vapor pressure: (; 50 °C (122 °F); 20 °C (68 °F))	< 700 mbar 56 mbar
Density:	0.87 g/cm3

Section 10. Stability and reactivity

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition.
Incompatible materials:	Acids. Oxidizing agents.
Hazardous decomposition products:	carbon oxides.

Section 11. Toxicological information

Health Effects:**Ingestion:**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin:

Prolonged or excessive skin contact with this product may cause mild skin irritation.

Eyes:

Causes serious eye irritation.

Inhalation:Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.
May cause respiratory tract irritation.**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
isopropyl acetate 108-21-4	LD50 LC50 LD50	6,750 mg/kg 50.6 mg/l > 17,400 mg/kg	oral inhalation dermal	8 h	rat rat rabbit	not specified not specified not specified
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	LD50 Acute toxicity estimate (ATE)	251 - 300 mg/kg 251 mg/kg	oral oral		rat	not specified Expert judgement

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
isopropyl acetate 108-21-4	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		not specified

Section 12. Ecological information**General ecological information:**

Toxic to aquatic organisms, May cause long-term adverse effects in the aquatic environment., Do not empty into drains / surface water / ground water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
isopropyl acetate 108-21-4	LC50	400 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
isopropyl acetate 108-21-4	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	LC50	> 100 - 220 mg/l	Fish	96 h	Leuciscus idus	DIN 38412-15
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	EC50	50 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	EC50	> 100 mg/l	Algae	72 h	Desmodesmus subspicatus (reported as Scenedesmus subspicatus)	EU Method C.3 (Algal Inhibition test)
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	NOEC	> 100 mg/l	Algae	72 h	Desmodesmus subspicatus (reported as Scenedesmus subspicatus)	EU Method C.3 (Algal Inhibition test)
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	EC 50	330 mg/l	Bacteria	17 h		not specified

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
isopropyl acetate 108-21-4	readily biodegradable	aerobic	72 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	not inherently biodegradable	aerobic	< 20 %	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2	not readily biodegradable.	aerobic	< 20 %	OECD Guideline 301 A (new version) (Ready Biodegradability: DOC Die Away Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
isopropyl acetate 108-21-4	1.28					not specified
1,8-Diazabicyclo[5.4.0]undec-7-ene 6674-22-2		< 0.4	42 day	Cyprinus carpio		OECD Guideline 305 C (Bioaccumulation: Test for the Degree of Bioconcentration in Fish)

Section 13. Disposal considerations

Waste disposal of product: Dispose of in accordance with local and national regulations.
Incineration under controlled conditions is recommended.

Disposal for uncleaned package: Dispose of in accordance with local and national regulations.

Section 14. Transport information**Road and Rail Transport:**

Dangerous Goods information: Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

UN no.: 1220

Proper shipping name: ISOPROPYL ACETATE

Class or division: 3

Packing group: II

Emergency information: Refer to the Australian Emergency Response Guide Book

Marine transport IMDG:

UN no.: 1220

Proper shipping name: ISOPROPYL ACETATE

Class or division: 3

Packing group: II

EmS: F-E ,S-D

Seawater pollutant: -

Air transport IATA:

UN no.:	1220
Proper shipping name:	Isopropyl acetate
Class or division:	3
Packing group:	II
Packing instructions (passenger)	353
Packing instructions (cargo)	364

Section 15. Regulatory information

SUSMP Poisons Schedule None

Section 16. Other information

Abbreviations/acronyms:

- ADGC - Australian Dangerous Goods Code
- STEL - Short term exposure limit
- TWA - Time weighted average
- IMDG: International Maritime Dangerous Goods code
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- AIIC - Australian Inventory of Industrial Chemicals (AIIC)
- AICIS - Australian Industrial Chemicals Introduction Scheme

Disclaimer:

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