



## Safety Data Sheet

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LOCTITE SF 7414 known as LOCTITE 7414 50ML AU

SDS No. : 310207  
V001.2  
Date of issue: 21.08.2020

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

**Product name:** LOCTITESF 7414 known as LOCTITE 7414 50MLAU

**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>	<u>Target organ</u>
Flammable liquids	Category 3	
Skin irritation	Category 2	
Target Organ Systemic Toxicant - Single exposure	Category 3	respiratory tract irritation
Target Organ Systemic Toxicant - Repeated exposure	Category 2	Central nervous system  Kidney Liver auditory organ
Acute hazards to the aquatic environment	Category 3	

#### Hazard pictogram:



**Signal word:** Danger

**Hazard statement(s):** H226 Flammable liquid and vapor.  
H315 Causes skin irritation.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H402 Harmful to aquatic life.

**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.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash hands thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves, eye protection, and 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.  
P314 Get medical advice/attention if you feel unwell.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P362 Take off contaminated clothing.  
P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

**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

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Xylene - mixture of isomeres	1330-20-7	20- < 30 %
Talc	14807-96-6	10- < 30 %
non hazardous ingredients~		30- < 50 %

**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. If symptoms persist, seek medical advice.

**First Aid facilities:** Eye wash  
Normal washroom facilities

**Section 5. Fire fighting measures**

**Suitable extinguishing media:** Carbon dioxide, foam, powder

**Decomposition products in case of fire:** carbon oxides.

**Particular danger in case of fire:** In case of fire, keep containers cool with water spray.  
Do not allow run-off from fire fighting to enter drains or water courses.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.  
Wear full protective clothing.

**Hazchem code:** 3Y

**Section 6. Accidental release measures**

**Personal precautions:** Avoid skin and eye contact.  
Ensure adequate ventilation.

**Environmental precautions:** Do not let product enter drains.

**Clean-up methods:** For small spills wipe up with paper towel and place in container for disposal.  
For large spills absorb onto inert absorbent material and place in sealed container for disposal.

**Section 7. Handling and storage**

**Precautions for safe handling:** Use only in well-ventilated areas.  
Avoid open flames and sources of ignition.  
Avoid skin and eye contact.

**Conditions for safe storage:** Store in a cool, well-ventilated place.  
Do not store or use near heat, spark, open flame or other sources of ignition.

**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)
XYLENE (O-, M-, P-ISOMERS) 1330-20-7						150	655
XYLENE (O-, M-, P-ISOMERS) 1330-20-7		80	350				

TALC, (CONTAINING NO ASBESTOS FIBRES) 14807-96-6			2.5				
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- Eye protection:** Wear protective glasses.
- Skin protection:** Wear suitable protective clothing.  
The use of chemical resistant gloves such as Nitrile is recommended.
- 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:** blue  
liquid
- Odor:** characteristic
- pH:** Not applicable
- Boiling point:** 137.0 °C (278.6 °F)
- Flash point:** 30.00 °C (86 °F)
- Ignition temperature:** 500.0 °C (932 °F)
- Vapor pressure:** 6.7000000 mbar  
670 Pa
- Density:** 1.2000 g/cm<sup>3</sup>
- Solubility in water:** Not miscible
- Viscosity (dynamic):** 105,000 mPa.s  
(; 20 °C (68 °F); Method:  
Supplier method)
- VOC content:** < 30.00 %  
(2010/75/EC)

### Section 10. Stability and reactivity

- Stability:** Stable under normal conditions of temperature and pressure.
- Conditions to avoid:** Take measures to prevent the build-up of electrostatic charges.  
Protect from direct sunlight.  
Store away from incompatible materials.  
Heat, flames, sparks and other sources of ignition.
- Incompatible materials:** Incompatible with oxidising agents.
- Hazardous decomposition products:** Irritating and toxic gases or fumes may be released during a fire.
- Hazardous polymerization:** Will not occur

### Section 11. Toxicological information

**Health Effects:**

**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
May cause an aspiration hazard if swallowed.

**Skin:** Harmful in contact with skin.

**Eyes:** This product may cause irritation to the eyes.

**Inhalation:** Harmful by inhalation.  
May cause respiratory tract irritation.  
Vapours may cause drowsiness and dizziness.

**Chronic effects:**

**Xylene - mixture of isomeres 1330-20-7:** Unspecific central nervous disorders (e.g. headaches, insomnia), dyspepsia and vegetative dystonia.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Xylene - mixture of isomeres 1330-20-7	LD50 LC50 LD50	3,523 mg/kg 11 mg/l 1,700 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	EU Method B.1 (Acute Toxicity (Oral)) not specified not specified
Talc 14807-96-6	LD50 LC50 LD50	> 5,000 mg/kg > 2.1 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rat	OECD Guideline 423 (Acute Oral toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Xylene - mixture of isomeres 1330-20-7	moderately irritating		rabbit	not specified
Talc 14807-96-6	slightly irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Xylene - mixture of isomeres 1330-20-7	slightly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Talc 14807-96-6	moderately irritating	24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Xylene - mixture of isomeres 1330-20-7	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Talc 14807-96-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study/ Route of administration	Metabolic activation/ Exposure time	Species	Method
Xylene - mixture of isomeres 1330-20-7	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test sister chromatid exchange assay in mammalian cells	with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) EU Method B.10 (Mutagenicity) EU Method B.19 (Sister Chromatid Exchange Assay In Vitro)
Xylene - mixture of isomeres 1330-20-7	negative	intraperitoneal		rat	OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)
Talc 14807-96-6	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian cell transformation assay	with and without without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Talc 14807-96-6	negative	oral: gavage		rat	equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)

**Repeated dose toxicity:**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Xylene - mixture of isomeres 1330-20-7	NOAEL=150 mg/kg	oral: gavage	90 ddaily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Xylene - mixture of isomeres 1330-20-7	LOAEL=150 mg/kg	oral: gavage	90 ddaily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Talc 14807-96-6	NOAEL=100 mg/kg	oral: feed	101 d7 d/w	rat	equivalent or similar to OECD Guideline 452 (Chronic Toxicity Studies)

**Section 12. Ecological information**

**General ecological information:** Do not empty into drains / surface water / ground water.

**Ecotoxicity:** Harmful to aquatic life.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Xylene - mixture of isomeres 1330-20-7	LC50	2.6 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Xylene - mixture of isomeres 1330-20-7	EC50	3.1 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Xylene - mixture of isomeres 1330-20-7	ErC50	4.36 mg/l	Algae	73 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Xylene - mixture of isomeres 1330-20-7	EC10	1.9 mg/l	Algae	73 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test) not specified
Xylene - mixture of isomeres 1330-20-7	EC 50	> 1 - 10 mg/l	Bacteria			
Talc 14807-96-6	LC50	> 100 g/l	Fish	24 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Xylene - mixture of isomeres 1330-20-7	readily biodegradable	aerobic	90 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Xylene - mixture of isomeres 1330-20-7		25.9	56 day	Oncorhynchus mykiss		not specified
Xylene - mixture of isomeres 1330-20-7	3.16				20 °C	not specified

### Section 13. Disposal considerations

**Waste disposal of product:** Collection and delivery to recycling enterprise or other registered elimination institution.

**Recommended cleanser:** Solvent naphtha

**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:	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.:	1263
Proper shipping name:	PAINT
Class or division:	3
Packing group:	III
Hazchem code:	3Y
Emergency information:	Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.
EPG:	3A1

**Marine transport IMDG:**

UN no.:	1263
Proper shipping name:	PAINT
Class or division:	3
Packing group:	III
EmS:	F-E ,S-E
Seawater pollutant:	-

**Air transport IATA:**

UN no.:	1263
Proper shipping name:	Paint
Class or division:	3
Packing group:	III
Packing instructions (passenger)	355
Packing instructions (cargo)	366

**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
- ASCC - Australian Safety and Compensation Council
- SUSDP - Standard for the Uniform Medicines of Drugs and Poisons
- GHS: Globally Harmonized System
- CAS: Chemical Abstracts Service
- OECD: Organization for Economic Cooperation and Development
- LD 50: Lethal Dose 50%
- LC 50: Lethal Concentration 50%
- STEL - Short term exposure limit
- TWA - Time weighted average
- IMDG: International Maritime Dangerous Goods code
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

**Reason for issue:**                              Reviewed SDS. Reissued with new date. involved chapters: 1,2,3,5,7,9,12,16

**Date of previous issue:** 27.08.2015

**Disclaimer:**

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