



## Safety Data Sheet

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LOC 1OZ VINYL FABRIC & PLAS 6PG

MSDS-No. : 252842  
V001.0  
Date of issue: 13.07.2015

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

**Product name:** LOC 1OZ VINYL FABRIC & PLAS 6PG

**Intended use:** Adhesive

**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

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<b>Hazard statement(s):</b>	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.
<b>Precautionary Statement(s):</b>	
<b>Prevention:</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves, eye protection, and face protection.
<b>Response:</b>	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ 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 water spray (fog), foam, dry chemical or carbon dioxide to extinguish.
<b>Storage:</b>	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.
<b>Disposal:</b>	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Classification of material F - Highly flammable Xi - Irritant

**Risk phrases:**

R11 Highly flammable.  
R36 Irritating to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

**Safety phrases:**

S7 Keep container tightly closed.  
S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe gas/fumes/vapour/spray.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S46 If swallowed, seek medical advice immediately and show this container or label.

**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).

**Signal word:**

HAZARDOUS

**Section 3. Composition / information on ingredients****Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Butanone	78-93-3	60- 100 %
non hazardous ingredients~		10- 30 %

**Section 4. First aid measures**

<b>Ingestion:</b>	Do not induce vomiting. Have victim rinse mouth thoroughly with water. Seek medical advice.
<b>Skin:</b>	Rinse with running water and soap. Seek medical advice.
<b>Eyes:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical advice.
<b>Inhalation:</b>	Move to fresh air. Keep warm and in a quiet place. Seek medical advice.
<b>First Aid facilities:</b>	Eye wash and safety shower Normal washroom facilities
<b>Medical attention and special treatment:</b>	Treat symptomatically.

**Section 5. Fire fighting measures**

<b>Suitable extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Improper extinguishing media:</b>	High pressure waterjet
<b>Decomposition products in case of fire::</b>	Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide.
<b>Particular danger in case of fire::</b>	WARNING FLAMMABLE! Vapors may form explosive mixtures with air.
<b>Special protective equipment for fire-fighters:</b>	Wear full protective clothing. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).
<b>Additional fire fighting advice:</b>	Cool endangered containers with water spray jet. Collect contaminated fire fighting water separately. It must not enter drains.
<b>Hazchem code:</b>	•3YE

**Section 6. Accidental release measures**

<b>Personal precautions:</b>	Keep away from sources of ignition. Ensure adequate ventilation. Avoid skin and eye contact. Wear appropriate personal protective equipment.
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- Environmental precautions:** Do not empty into drains / surface water / ground water.
- Clean-up methods:** Soak up with inert absorbent.  
Use noncombustible absorbent material such as sand.  
Dispose of contaminated material as waste according to Section 13.

### Section 7. Handling and storage

- Precautions for safe handling:** Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.  
Take measures to prevent the build-up of electrostatic charges.  
Wear suitable protective clothing, gloves and eye/face protection.
- Conditions for safe storage:** Store in sealed original container.  
Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.  
Do not expose to direct sunlight.  
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)
METHYL ETHYL KETONE (MEK) 78-93-3		150	445	-	-	-	-
METHYL ETHYL KETONE (MEK) 78-93-3		-	-	-	-	300	890

- Engineering controls:** Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product.
- Eye protection:** Protective goggles
- Skin protection:** Wear suitable protective clothing.  
The use of chemical resistant gloves such as Nitrile is recommended.  
  
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.
- General protection measures:** Use only in well-ventilated areas.

### Section 9. Physical and chemical properties

- Appearance:** Cream  
Paste
- Odor:** Ketone
- Specific gravity:** 1.101
- Boiling point:** 65 - 121 °C (149 - 249.8 °F)
- Flash point:** -9 - -7 °C (15.8 - 19.4 °F)

(Supplier method)	
<b>Evaporation rate:</b>	4.8 (Butyl acetate = 1)
<b>Lower explosive limit:</b>	1 %(V)
<b>Upper explosive limit:</b>	6.5 %(V)
<b>Vapor pressure:</b> (; 20 °C (68 °F))	155 mm hg
<b>Vapor density:</b>	> 1 Heavier than air
<b>Density:</b>	0.83 - 0.91 g/cm <sup>3</sup>
<b>Solubility in water:</b>	Insoluble (23 °C)

### Section 10. Stability and reactivity

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	Heat, flames, sparks and other sources of ignition.
<b>Incompatible materials:</b>	Strong oxidizing agents.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide. Carbon dioxide.
<b>Hazardous polymerization:</b>	Will not occur.

### Section 11. Toxicological information

**Health Effects:****Ingestion:**

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

**Skin:**

May cause mild skin irritation.

Repeated exposure may cause skin dryness or cracking.

**Eyes:**

Causes serious eye irritation.

**Inhalation:**

Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Vapours may cause drowsiness and dizziness.

Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Butanone 78-93-3	Acute toxicity estimate (ATE) LD50 Acute toxicity estimate (ATE) LC50 Acute toxicity estimate (ATE) LD50	2,600 mg/kg	oral	6 h	rat	Expert judgement
		2,600 - 5,400 mg/kg	oral inhalation		rat	Expert judgement
		5.1 mg/l	inhalation		rat	Expert judgement
		> 5000 ppm	dermal dermal		rabbit	Expert judgement
		6,400 mg/kg				
		6,400 - 8,000 mg/kg				

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Butanone 78-93-3	moderately irritating		rabbit	

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Butanone 78-93-3	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Butanone 78-93-3	not sensitising	Guinea pig maximisation test	guinea pig	

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Butanone 78-93-3	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

**Repeated dose toxicity:**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Butanone 78-93-3	LOAEL=5000 ppm	inhalation	90 days 6 hours/day, 5 days/week	rat	
Butanone 78-93-3	NOAEL=2500 ppm	inhalation	90 days 6 hours/day, 5 days/week	rat	

**Section 12. Ecological information**

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

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Butanone 78-93-3	LC50	3,220 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Butanone 78-93-3	EC50	5,091 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Butanone 78-93-3	EC50	> 1,000 mg/l	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Butanone 78-93-3	readily biodegradable	aerobic	> 60 %	OECD 301 A - F

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Butanone 78-93-3	0.29					

**Section 13. Disposal considerations**

**Waste disposal of product:** In consultation with the responsible local authority, must be subjected to special treatment.

**Disposal for uncleaned package:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

**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.:	1133
Proper shipping name:	ADHESIVES
Class or division:	3
Packing group:	II
Hazchem code:	•3YE
Emergency information:	Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.

**Marine transport IMDG:**

UN no.:	1133
Proper shipping name:	ADHESIVES
Class or division:	3
Packing group:	II
EmS:	F-E ,S-D
Seawater pollutant:	-

**Air transport IATA:**

UN no.:	1133
Proper shipping name:	Adhesives
Class or division:	3
Packing group:	II
Packing instructions (passenger)	353
Packing instructions (cargo)	364

**Section 15. Regulatory information****SUSMP Poisons Schedule**

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**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  
IMDG: International Maritime Dangerous Goods code  
STEL - Short term exposure limit  
TWA - Time weighted average  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

**Reason for issue:**

First issue. involved chapters: 1 - 16

**Disclaimer:**



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