



Safety Data Sheet

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Pattex ContactAdh Leather 50ml

SDS No. : 520328

V001.0

Date of issue: 22.12.2016

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

Product name: Pattex ContactAdh Leather 50ml

Intended use: Contact 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

- 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/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.
- Response:** 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.
- 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

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Butanone	78-93-3	60- 100 %
Ethyl acetate	141-78-6	10- 30 %
non hazardous ingredients~		10- 30 %

Section 4. First aid measures

Ingestion:	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice.
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
Medical attention and special treatment:	Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Improper extinguishing media:	Water spray jet
Decomposition products in case of fire::	Thermal decomposition can lead to release of irritating gases and vapors. Oxides of carbon. Oxides of nitrogen.
Particular danger in case of fire::	WARNING FLAMMABLE! Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.
Special protective equipment for fire-fighters:	Use water spray to keep fire exposed containers cool and disperse vapors. 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. Collect contaminated fire fighting water separately. It must not enter drains.
Hazchem code:	•3YE

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. Vapours should be extracted to avoid inhalation. Keep away from sources of ignition - no smoking.
Conditions for safe storage:	Ensure good ventilation/extraction. Store in a cool, well-ventilated place. Keep away from heat and direct sunlight. Store in tightly closed containers, cool and dry. Store below 30°C. (86°F)

Section 8. Exposure controls / personal protection**National exposure standards:**

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m ³)	Peak Limit. (ppm)	Peak Limit. (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
METHYL ETHYL KETONE (MEK) 78-93-3		150	445	-	-	-	-
METHYL ETHYL KETONE (MEK) 78-93-3		-	-	-	-	300	890
ETHYL ACETATE 141-78-6		200	720	-	-	-	-
ETHYL ACETATE 141-78-6		-	-	-	-	400	1,440

Engineering controls:

Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Eye protection:

Wear protective glasses.

Skin protection:

Wear suitable protective clothing.
Suitable protective gloves.

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:	yellow viscous
Odor:	aromatic
Specific gravity:	0.85 - 0.89
Boiling point:	77 - 80 °C (170.6 - 176 °F)
Flash point:	-9 °C (15.8 °F)
Density:	0.85 - 0.89 g/cm ³

Section 10. Stability and reactivity

Stability: Stable under recommended storage conditions.

Conditions to avoid: Stable

Incompatible materials: Reacts with strong oxidants.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors.
carbon dioxide
Oxides of nitrogen.

Section 11. Toxicological information

Health Effects:

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.

Skin: May cause irritation due to defatting of the skin.
Redness.

Eyes: Causes serious eye irritation.
Symptoms can include irritation, redness, scratching of the cornea, and tearing.

Inhalation: May cause respiratory tract irritation.
Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.

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 LC50 LD50	2,600 mg/kg	oral	6 h	rat rat rabbit	Expert judgement
		2,600 - 5,400 mg/kg	oral			not specified
		> 5000 ppm	inhalation			not specified
		6,400 - 8,000 mg/kg	dermal			
Ethyl acetate 141-78-6	LD50 LC50 LD50	6,100 mg/kg	oral	1 h	rat rat rabbit	not specified
		200 mg/l	inhalation			not specified
		> 20,000 mg/kg	dermal			Draize Test

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Butanone 78-93-3	moderately irritating		rabbit	not specified
Ethyl acetate 141-78-6	slightly irritating	24 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

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)
Ethyl acetate 141-78-6	slightly 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 maximisa- tion test	guinea pig	not specified
Ethyl acetate 141-78-6	not sensitising	Guinea pig maximisa- tion 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
Butanone 78-93-3	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Ethyl acetate 141-78-6	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test	with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Ethyl acetate 141-78-6	negative	oral: gavage		hamster, Chinese	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Butanone 78-93-3	NOAEL=2500 ppm	inhalation	90 days 6 hours/day, 5 days/week	rat	not specified
Butanone 78-93-3	LOAEL=5000 ppm	inhalation	90 days 6 hours/day, 5 days/week	rat	not specified
Ethyl acetate 141-78-6	NOAEL=900 mg/kg	oral: gavage	90 ddaily	rat	EPA OTS 795.2600 (Subchronic Oral Toxicity Test)
Ethyl acetate 141-78-6	NOAEL=1.28 mg/l	inhalation	94 dcontinuous	rat	EPA OTS 798.2450 (90-Day Inhalation Toxicity)

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)
Butanone 78-93-3	EC 50	> 1,000 mg/l	Bacteria			OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) DIN 38412-15
Ethyl acetate 141-78-6	LC50	270 mg/l	Fish	48 h	Leuciscus idus melanotus	
Ethyl acetate 141-78-6	EC50	164 mg/l	Daphnia	48 h	Daphnia cucullata	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Ethyl acetate 141-78-6	NOEC	2,000 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethyl acetate 141-78-6	EC50	> 2,000 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethyl acetate 141-78-6	EC10	2,900 mg/l	Bacteria	18 h		not specified

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
Ethyl acetate 141-78-6	readily biodegradable	aerobic	100 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Butanone 78-93-3	0.29					not specified
Ethyl acetate 141-78-6	0.6					OECD Guideline 107 (Partition Coefficient (n- octanol / water), Shake Flask Method)

Section 13. Disposal considerations

- Waste disposal of product:** Can be incinerated, when in compliance with local regulations
Collection and delivery to recycling enterprise or other registered elimination institution.
Dispose of in accordance with local and national regulations.
- Disposal for uncleaned package:** 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.: 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** 5
- 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
GHS: Globally Harmonized System
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IMDG: International Maritime Dangerous Goods code
STEL - Short term exposure limit
TWA - Time weighted average

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Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

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Disclaimer:

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