

Contact Sheet



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MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE AUTOMOTIVE CONTACT ADHESIVE AND TRIM CEMENT

Proper Shipping Name: ADHESIVES

Product Code(s): 354944, 476034, 476029

Part Number(s): CA1, CA2, CA3

Use: Adhesive for bonding leather, fabric, rubber, vinyl and plastics.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
ADHESIVE TECHNOLOGIES
135-141 Canterbury Road, Kilsyth, Victoria, 3137. Tel: (03) 9724 6444
24 HOUR EMERGENCY CONTACT NUMBER Tel: (03) 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of Safe Work Australia. This material has been classified as Harmful (Xn) and Irritant (Xi).

Risk phrase(s):

R11 Highly flammable.
R36/38 Irritating to eyes and skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51 Toxic to aquatic organisms.
R53 May cause long term adverse effects in the aquatic environment.
R62(3) Possible risk of impaired fertility (Toxic to Reproduction, Category 3).
R63 Possible risk of harm to the unborn child.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

Safety phrase(s):

S16 Keep away from sources of ignition.
S23 Do not breathe vapour.
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.
S29 Do not empty into drains.
S33 Take precautionary measures against static discharges.
S37/39 Wear suitable gloves and eye/face protection.
S51 Use only in well ventilated areas.
S62 If swallowed, do not induce vomiting; 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).

Class: 3 – Flammable liquid

SUSDP POISON SCHEDULE: 5



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Hexane isomers	[107-83-5]	10-30% w/w
Toluene	[108-88-3]	10-30% w/w
Methylethyl ketone	[78-93-3]	10-30% w/w
n-hexane	[110-54-3]	1-5% w/w
Other ingredients determined not to be hazardous		<10% w/w

SECTION 4. FIRST AID MEASURES

Ingestion: If swallowed, **do not** induce vomiting. For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor.

Skin: Remove contaminated clothing and wash affected areas with plenty of water. If irritation occurs, seek medical attention.

Eyes: Hold eyes open and flush with water for at least 15 minutes. If irritation occurs, seek medical attention.

Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. For all but the most minor symptoms, arrange for patient to be seen by a doctor.

Advice to doctor: Treat symptomatically. Due to a risk of aspiration into the lungs, gastric lavage should only be undertaken after endotracheal intubation.

First Aid facilities: Eye wash and safety shower

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, dry chemical.

Hazards from combustion products: Under fire conditions, it will release carbon monoxide and irritating fumes.

Precautions for fire fighters and special protective equipment: Flammable liquid. Vapours are heavier than air and may accumulate in low areas or poorly ventilated areas to be ignited at locations distant from the handling site. Evacuate unprotected personnel from hazardous area. Fire-fighters should wear full protective clothing and self-contained breathing apparatus.

Hazchem code: •3YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Isolate all potential sources of ignition. Wear protective gloves, chemical goggles and waterproof boots. Contain and collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Wash areas in contact with spilled material with detergent and water to render the area safe for human contact. Note: Residues are not water soluble. Wash down waters may still contain residues which require treatment through local effluent treatment plant. Do not contaminate watercourse. Dispose of residues in chemical waste disposal area in accordance with relevant State and Federal requirements.



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SECTION 7. HANDLING AND STORAGE

Safe Handling: Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Wear impervious gloves¹ and chemical splash goggles. Use in a well ventilated area. Use full flameproof equipment and procedures. Do not pressurize, cut, heat or weld empty containers, as they may contain hazardous residues.

Storage: Store indoors in a cool, dry, well ventilated area. Keep containers sealed when not in use. Protect from physical damage. Store according to relevant State Dangerous Goods Storage Requirements.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:	TWA :	STEL:
Toluene	50 ppm (191 mg/m ³)	150 ppm (574 mg/m ³)
Methyl ethyl ketone	150 ppm (445 mg/m ³)	300 ppm (890 mg/m ³)
Hexane isomers	500 ppm (1760 mg/m ³)	1000 ppm (3500 mg/m ³)
n-hexane	20 ppm (72 mg/m ³)	-

Engineering controls: A local mechanical exhaust system is required where vapour or mist is being generated.

Personal protective equipment: Use good industrial hygiene. Avoid contact with skin and eyes. Wear overalls, safety footwear, Barrier gloves and chemical splash goggles. Use in a well ventilated area. If inhalation risk exists, wear an organic vapour respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:	
Appearance:	Golden brown liquid
Solubility:	Insoluble in water
Flash Point:	<-20°C
Specific gravity:	0.87 approximately
Odour:	Aromatic

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Heat, naked flames, sparks.

Incompatible materials: Keep away from oxidising agents and strong acids.

Hazardous decomposition products: When heated to decomposition, it will emit carbon monoxide and irritating fumes.

Hazardous reactions: Product will not polymerise.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Acute:

Ingestion: If swallowed, may cause nausea, vomiting, abdominal pain and harmful effects to the liver, kidneys and central nervous system. Aspiration of liquid into the lungs during ingestion or from vomiting may cause pneumonitis.

Skin: Contact with skin can result in irritation. Solvents may be absorbed through the skin

Eyes: Liquid contact with the eyes can cause irritation.

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REVISION OF: -
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IDH NO: -
LOCTITE AUTOMOTIVE CONTACT
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Inhalation: Inhalation of vapour may cause respiratory irritation, fatigue, headache, dizziness and drowsiness. Exposure to high concentrations of vapour may result in unconsciousness.

Chronic: Repeated or prolonged skin contact may cause defatting of the skin and lead to dermatitis. Long term inhalation exposure may lead to effects on the central nervous system. Chronic poisoning may result in anaemia, leucopenia and in rare cases, enlargement of the liver may occur². Animal studies indicate that there is a possible risk of impaired fertility in humans if exposed to n-hexane. This product is classified as Toxic to Reproduction (Category 3) with a possible risk of harm to the unborn child.

Toxicity information: Acute oral LD₅₀ (rat) : 5000 mg/kg as toluene

SECTION 12. ECOLOGICAL INFORMATION

Do not contaminate watercourse and soil. This material is toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.

Fish toxicity: 96 h LC₅₀ (C. auratus) : 13 mg/l as toluene³

Daphnia toxicity: 48 h EC₅₀ (Daphnia magna) : 11.5 mg/l as toluene

SECTION 13. DISPOSAL CONSIDERATIONS

Refer to State Land Waste Management Authority. Normally suitable for disposal by incineration in approved incineration plant. Containers should be drained and then recycled or disposed of at an approved landfill site.

SECTION 14. TRANSPORT INFORMATION

UN Number: 1133
Proper Shipping Name: ADHESIVES
Class: 3, Flammable
Packing Group: II
Hazchem code: •3YE
Emergency Information: Dangerous Goods-Initial Emergency Response Guide (SAA/SNZ HB 76) or EPG 3A1

SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: 5

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
TWA - Time-weighted average

References:

1. Quick Selection Guide to Chemical Protective Clothing, Fifth Edition, 2007: Forsberg and Mansdorf, Wiley-Interscience
2. Toluene entry in Dangerous Properties of Industrial Materials, Seventh Edition (1989): Sax and Lewis.
3. Ecological data: Merck MSDS, Toluene, October 2001.



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DISCLAIMER:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material.

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