



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE DEPEND 330 ODC-FREE ADHESIVE

Product-Code: 929330

Intended use: Acrylic Adhesive

Supplier:

HENKEL AUSTRALIA PTY. LIMITED
ADHESIVE TECHNOLOGIES
135-141 Canterbury Road
3137 Kilsyth, Victoria

Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xn - Harmful Xi - Irritant

Risk phrases:

R22 Harmful if swallowed.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.

Safety phrases:

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 and soap.
S37/39 Wear suitable gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

Dangerous Goods information:

Not 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



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Tetrahydrofurfuryl methacrylate	2455-24-5	30 - 60 %
Methacrylic acid	79-41-4	< 10 %
2-Ethylhexyl methacrylate	688-84-6	< 10 %
Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)	25068-38-6	< 5 %
Cumene hydroperoxide	80-15-9	0.1 - 1 %
non hazardous ingredients~		10 - 30 %

SECTION 4. FIRST AID MEASURES

Ingestion:	Seek medical advice. Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Skin:	Seek medical advice. Rinse with running water and soap.
Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Inhalation:	Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air.
First Aid facilities:	Eye wash and safety shower

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam, powder
Improper extinguishing agent:	None known
Combustion behaviour:	Combustible Liquid
Decomposition products in case of fire:	Oxides of carbon, oxides of nitrogen, irritating organic vapors.
Particular danger in case of fire:	None
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Ensure adequate ventilation. See advice in chapter 8
Environmental precautions:	Do not let product enter drains.



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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.
Wash spillage site thoroughly with soap and water or detergent solution.
Dispose of contaminated material as waste according to Chapter 13.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Use only in well-ventilated areas.
Avoid skin and eye contact.
Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

Conditions for safe storage: Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:

Ingredient	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
METHACRYLIC ACID 79-41-4		20	70	-	-	-

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

Eye protection: Tightly fitting safety goggles
Avoid eye contact.

Skin protection: Wear suitable protective clothing.
Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Respiratory protection: Ensure adequate ventilation.
Do not inhale vapors and fumes.
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: Amber
Odor: Liquid
Sharp, Irritating



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Specific gravity:	1.16
pH:	10
Boiling point:	> 148.9 °C (> 300 °F)
Flash point:	> 100 °C (> 212 °F)
Vapor pressure:	< 4 mbar
Solubility:	Solvent: Water, Slight Solvent: , Slight
VOC content	1.59 %

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Avoid excessive heat and ignition sources.
Incompatible materials:	Strong oxidizing agents. Strong reducing agents. Strong acids. Alkalis.
Hazardous decomposition products:	At higher temperature carbon oxides and nitrogen oxides may be generated. Irritating organic vapours.
Hazardous polymerization:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion:	May be harmful if swallowed.						
Skin:	Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals.						
Eyes:	Contact can cause moderate to severe irritation and possible injury to the eyes. Vapors may also produce eye irritation.						
Inhalation:	May cause irritation to nose and throat.						
Chronic effects:	Repeated excessive dermal exposure may cause marked skin irritation and may increase the possibility of allergic reactions.						
Acute oral toxicity:	<table><tr><td>Methylacrylic acid 79-41-4</td><td>LD 50 (Mouse) = 1,250 mg/kg LD 50 (Rat) = 1,060 mg/kg LD 50 (Rabbit) = 1,200 mg/kg LD 50 (Mouse) = 1,332 mg/kg LD 50 (Rat) = 2,224 mg/kg LD 50 (Mouse) = 1,600 mg/kg LD 50 (Rat) = 2,000 mg/kg</td></tr><tr><td>Ethylhexyl methacrylate 2- 688-84-6</td><td>LD 50 (Rat) = 2,000 mg/kg</td></tr><tr><td>Cumene hydroperoxide 80-15-9</td><td>LD L0 (Mouse) = 5,000 mg/kg</td></tr></table>	Methylacrylic acid 79-41-4	LD 50 (Mouse) = 1,250 mg/kg LD 50 (Rat) = 1,060 mg/kg LD 50 (Rabbit) = 1,200 mg/kg LD 50 (Mouse) = 1,332 mg/kg LD 50 (Rat) = 2,224 mg/kg LD 50 (Mouse) = 1,600 mg/kg LD 50 (Rat) = 2,000 mg/kg	Ethylhexyl methacrylate 2- 688-84-6	LD 50 (Rat) = 2,000 mg/kg	Cumene hydroperoxide 80-15-9	LD L0 (Mouse) = 5,000 mg/kg
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SECTION 12. ECOLOGICAL INFORMATION

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

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of in accordance with local and national regulations.

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.

SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport:

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

General information:
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

SECTION 15. REGULATORY INFORMATION

SUSDP 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 Scheduling of Drugs and Poisons
STEL - Short term exposure limit
TWA - Time weighted average

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Disclaimer:



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