



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE 641 RC 250ML AU EN

Product-Code: 1496874

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: 1800 032 379

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xn - Harmful N - Dangerous for the environment

Risk phrases:

R20 Harmful by inhalation.

R36/37 Irritating to eyes and respiratory system.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S23 Do not breathe vapour.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well-ventilated areas.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

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:

WARNING

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Polyethylene glycol 200 dimethacrylate	25852-47-5	> 60 %
Hexanoic acid, 2-ethyl-, oxybis(2,1-ethanediyloxy-2,1-ethanediy) ester	18268-70-7	10 - 30 %
Benzene, ethenyl-, homopolymer	9003-53-6	< 10 %
Cumene hydroperoxide	80-15-9	< 5 %
Saccharin	81-07-2	< 5 %



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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 and safety shower

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Foam, dry chemical or carbon dioxide.
Decomposition products in case of fire:	Oxides of carbon. Irritating organic vapours.
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:	Avoid skin and eye contact.
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:	Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only in well-ventilated areas. Avoid skin and eye contact. Prolonged or repeated skin contact should be avoided
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:



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none

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

Eye protection: Wear protective glasses.

Skin protection: Wear suitable protective clothing.
Avoid skin-contact.

For shorttime contact (e.g. as protection against splashes) protective gloves made from viton (material thickness > 0.7 mm, break through time > 480 min) are recommended according to EN 374.

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.

General protection measures: Good industrial hygiene practices should be observed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	yellow liquid
Odor:	characteristic
Specific gravity:	1.08
Boiling point:	> 149.0 °C (> 300.2 °F)
Flash point:	> 100 °C (> 212 °F)
Vapor pressure:	< 5 mm hg
Density:	1.08 g/cm ³
Solubility:	Solvent: Water, Slight Solvent: Acetone, Miscible
VOC content	10.4 % EPA Method 24

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

Incompatible materials: alkalis
Reducing agents.
Free radical initiators.
Metal oxides.
Acids.

Hazardous decomposition products: Oxides of carbon.
Irritating organic fragments.

Hazardous polymerization: Will not occur.



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SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion: May cause irritation to the gastrointestinal tract, mouth and mucous membranes.

Skin: May cause allergic skin reaction.
May cause irritation due to defatting of the skin.
Repeated or prolonged contact can result in drying of skin.

Eyes: Causes eye irritation.

Inhalation: Harmful if inhaled; may cause delayed lung damage.

Acute oral toxicity:	Cumene hydroperoxide	LD L0 (Mouse) = 5,000 mg/kg
	80-15-9	
	Saccharin	LD 50 (Mouse) = 17 g/kg
	81-07-2	

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water.
May cause long-term adverse effects in the aquatic environment.
Harmful to aquatic organisms.

SECTION 13. DISPOSAL CONSIDERATIONS

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

Disposal for uncleaned package: Disposal of empty packaging at suitable material collection for recycling.
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).



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SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:	ASCC - Australian Safety and Compensation Council SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
Other information:	This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.
Date of previous issue:	30.09.2005
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. The information contained in this Material Safety Data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources. The information is offered without warranty, representation, inducement or licence and Henkel Australia Pty. Limited assumes no legal responsibility for reliance upon same. Henkel Australia Pty. Limited disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Material Safety Data Sheet. This information is not to be construed as a representation that the material is suitable for any particular purpose or use except those conditions and warranties implied by either Commonwealth or State statutes. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use.