



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE 241

Product-Code: 269067

Intended use: Adhesive

Supplier:

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ADHESIVE TECHNOLOGIES
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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).

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Polyethylene glycol 200 dimethacrylate	25852-47-5	> 60 %
Cumene hydroperoxide	80-15-9	< 3 %
Cumene	98-82-8	< 1 %
non hazardous ingredients~		10 - 30 %



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SECTION 4. FIRST AID MEASURES

Ingestion:	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. In case of adverse health effects seek medical advice.
Skin:	Rinse with running water and soap. If adverse health effects develop seek medical attention.
Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If adverse health effects develop seek medical attention.
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, extinguishing powder, carbon dioxide.
Combustion behaviour:	Non flammable product (flash point is greater than 100°C (CC))
Decomposition products in case of fire:	Trace amounts of toxic and/or irritating fumes may be released and the use of breathing apparatus is recommended. Oxides of carbon.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Ensure adequate ventilation. 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:	Use only in well-ventilated areas. Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation. Avoid skin and eye contact.
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.



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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)
CUMENE 98-82-8		25	125	-	-	-
		-	-	-	75	375

Engineering controls: Ensure good ventilation/suction at the workplace.

Eye protection: Wear protective glasses.

Skin protection:

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: Blue
Odor: Liquid
pH: characteristic
3.00 - 6.00
Flash point: > 100 °C (> 212 °F)
Vapor pressure: 0.1330000 mbar
Density: 1.0800 g/cm³
Solubility: Solvent: Water, Not miscible
Solvent: Acetone, Miscible

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions of storage and use.
No decomposition if stored and applied as directed.



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Incompatible materials: Peroxides.
Reaction with strong bases
Reaction with strong acids.
Reaction with strong oxidants.

Hazardous polymerization: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion: Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Skin: This product may cause irritation to the skin.

Eyes: This product is irritating to the eyes.

Inhalation: This product is irritating to the respiratory system.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Chronic effects: None known

Acute oral toxicity:	Cumene hydroperoxide	LD L0 (Mouse) = 5,000 mg/kg
	80-15-9	
	Cumene	LD 50 (Rat) = 1,400 mg/kg
	98-82-8	LD 50 (Rat) = 2.91 g/kg

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Harmful to aquatic organisms.
May cause long-term adverse effects in the aquatic environment.
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.
Contribution of this product to waste is very insignificant in comparison to article in which it is used

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: 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.



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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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