



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE 680 RETAINING COMPOUND

Proper Shipping Name: None allocated.

Use: Anaerobic adhesive.

Product Code(s): 234950, 234952

Part Number(s): 68050 (50 ml), 68070 (250 ml)

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):

R20 Harmful by inhalation.
R36/37 Irritating to eyes and respiratory system.
R43 May cause sensitisation by skin contact.
R52 Harmful to aquatic organisms.
R53 May cause long term adverse effects in the aquatic environment.

Safety phrase(s):

S23 Do not breathe vapour/spray.
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 soap suds.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.

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).

SUSDP POISON SCHEDULE: None allocated.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Aromatic dimethacrylate ester	[24448-20-2]	30-60% w/w
Hydroxyalkyl methacrylate	[27813-02-1]	30-60% w/w
Bisphenol A fumarate resin	[39382-25-7]	10-30% w/w
Poly glycol di methacrylate	[25852-47-5]	1-5% w/w
Cumene hydroperoxide	[80-15-9]	1-<3% w/w
1- Acetol-2- phenyl hydrazine	[114-83-0]	<1% w/w

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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 eye open and flush with water for at least 15 minutes. If irritation develops, seek medical attention.
- Inhalation:** If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.
- Advice to doctor:** Treat symptomatically.
- First Aid facilities:** Eye wash and normal washroom facilities.

SECTION 5. FIRE FIGHTING MEASURES

- Suitable extinguishing media:** Use foam, dry chemical or carbon dioxide.
- Hazards from combustion products:** Under fire conditions, it may release carbon monoxide, oxides of nitrogen and noxious fumes.
- Precautions for fire fighters and special protective equipment:** If there is a risk of exposure to products of combustion, fire-fighters should wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves. Wipe up residue with a cloth. For larger spills, collect with inert absorbent materials (e.g. sand, earth, vermiculite) and transfer to sealable containers suitable for storing spilled material. Wash areas in contact with spilled material with adequate warm soapy water. Note: Residues are not water soluble. Do not contaminate watercourse. Dispose of solid residues in accordance with relevant State and Federal requirements.

SECTION 7. HANDLING AND STORAGE

Safe Handling: Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Use in a well ventilated area. Avoid breathing vapour.

Storage: Store indoors in a cool, dry and well ventilated area. Keep containers sealed when not in use. Store in original containers away from heat, sparks and open flames. Store at or below 38°C.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: None established.

Engineering controls: None required under normal conditions of use, but if vapour is being released, provide adequate ventilation.

Personal protective equipment: Avoid contact with skin and eyes. When using this product, wear neoprene or butyl rubber gloves and safety glasses. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance: Green liquid.
Specific gravity: 1.11
Solubility: Slightly soluble in water
Boiling point: > 149°C
VOC content: 40.3 g/l

SECTION 10. STABILITY AND REACTIVITY

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

Conditions to avoid: Open flames, sparks, heat.

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

Hazardous decomposition products: In a fire, it can release carbon monoxide, oxides of nitrogen and noxious fumes.

Hazardous reactions: None if used for intended purpose.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:**Acute:**

Ingestion: If swallowed, may cause gastrointestinal irritation.

Skin: May irritate skin. May cause sensitisation by skin contact.

Eyes: Contact with the eyes can cause severe irritation.

Inhalation: Inhalation of vapours may cause respiratory irritation.

Chronic: Repeated or prolonged skin contact may cause dermatitis.

Toxicity information: None available for this product.

SECTION 12. ECOLOGICAL INFORMATION

Do not allow product to contaminate waterways or soil. This product is harmful to aquatic organisms.

SECTION 13. DISPOSAL CONSIDERATIONS

Keep unwanted material in a sealed container for disposal via chemical waste collections. Containers should be emptied prior to disposal at an approved land waste site.

SECTION 14. TRANSPORT 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 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated



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SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

DISCLAIMER:

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