

Infosafe No™ LPZ71	Issue Date : July 2010	ISSUED by HENKELPS
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Product Name : **LOCTITE 668 RETAINING COMPOUND STICK**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** LOCTITE 668 RETAINING COMPOUND STICK  
**Product Code** PART NO. 40391  
**Company Name** HENKEL AUSTRALIA PTY. LIMITED (ABN 82 001 302 996)  
**Address** 135-141 Canterbury Road KILSYTH  
 VICTORIA 3137 Australia  
**Emergency Tel.** (03) 9724 6556 (24 hour)  
**Telephone/Fax Number** Tel: (03) 9724 6444  
**Recommended Use** Anaerobic adhesive

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** HAZARDOUS SUBSTANCE.  
 NON-DANGEROUS GOODS.  
 Hazard classification according to the criteria of NOHSC.  
 Dangerous goods classification according to the Australia Dangerous Goods Code.  
**Risk Phrase(s)** R36/37 Irritating to eyes and respiratory system.  
 R43 May cause sensitization by skin contact.  
**Safety Phrase(s)** S23 Do not breathe gas/fumes/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.  
 S37/39 Wear suitable gloves and eye/face protection.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	2-Propanoic acid, 2-methyl-, (1-methylethylidene)	24448-20-2	30-60 %
	Polyglycol dimethacrylate	proprietary	10-30 %
	Cumene hydroperoxide	80-15-9	1-<3 %
	Ingredients determined not to be hazardous	-	Balance

## 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.  
**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.  
**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.  
**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.  
**First Aid Facilities** Eye wash and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.  
**Other Information** For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use carbon dioxide, dry chemical or foam.

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<b>Hazards from Combustion Products Specific Hazards</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxides of sulfur, and irritating organic vapours. This product will char under fire conditions.
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Conditions for Safe Storage</b>	Store at temperatures between 0°C-38°C, in dry, well-ventilated area away from sources of ignition, oxidising agents, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure value assigned for this specific material or ingredients by Safe Work Australia.
<b>Biological Limit Values</b>	No biological limit available
<b>Engineering Controls</b>	Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material such as Neoprene or nitrile. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Green semi-solid
<b>Odour</b>	Mild

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<b>Melting Point</b>	Not available
<b>Boiling Point</b>	>148.9°C
<b>Solubility in Water</b>	Slight
<b>Specific Gravity</b>	1.1228
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	<5 mmHg at 26.7°C
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	This product will char under fire conditions.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable
<b>Other Information</b>	VOC content 0.79%: 8.86 g/l

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Not available
<b>Incompatible Materials</b>	Acids, reducing agents, alkalis, aminesperoxides, oxygen scavengers, free radical initiators, polymerization initiators and strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxides of sulfur, oxides of nitrogen and irritating organic vapours.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	Acute toxicity data for this product: LD50 (Oral, Rat): >10,000 mg/kg LD50 (Oral, Rabbit): >2,000 mg/kg
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	May be irritating to skin. The symptoms may include redness, itching and swelling. May cause sensitisation by skin contact
<b>Eye</b>	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Prolonged or repeated skin contact may lead to allergic contact dermatitis and sensitisation in some individuals.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No ecological data are available for this material.
<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Environ. Protection</b>	Do not discharge this material into waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Considerations** The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

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## 14. TRANSPORT INFORMATION

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**Transport Information** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).

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## 15. REGULATORY INFORMATION

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**Regulatory Information** Classified as Hazardous according to criteria of Safe Work Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**Poisons Schedule** Not Scheduled

**Hazard Category** Irritant

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS** MSDS Created: July 2010

**Other Information**

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. 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.

...End Of MSDS...

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