

# Material Safety Data Sheet

Infosafe No.            LPUH7            Issue Date: June 2005            ISSUED by HENKAUST  
Product Name:            **LOCTITE 668 RETAINING COMPOUND STICK**

**Classified as hazardous**

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

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### Product Name

LOCTITE 668 RETAINING COMPOUND STICK

### Product Code

40391

### Product Use

Bonding of cylindrical fitting metal parts.

### Company Name

HENKEL AUSTRALIA PTY LTD (ABN 82 001 302 996)

### Address

1 Clyde Street Silverwater  
NSW 2229 Australia

### Emergency Tel.

See CONTACT POINT

### Telephone/Telex

### Number

Tel: 1300 885 556    Fax: (02) 9525 5643

### Other Information

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

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<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>	<b><u>Hazard</u></b>
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Product Name : LOCTITE 668 RETAINING COMPOUND STICK

**R**  
**Phrase**

AROMATIC DIMETHACRYLATE ESTER	24448-20-2	30-60 %
N,N'-m-Phenylenedimaleimide	3006-93-7	10-30 %
HYDROXYALKYL METHACRYLATE	27813-02-1	0-10 %
Cumene hydroperoxide	80-15-9	1-5 %
Ingredients determined not to be hazardous	Not required	Balance to 100%

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**3. HAZARDS IDENTIFICATION**

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Irritating to respiratory system and skin.  
Risk of serious damage to eyes.  
May cause sensitization by skin contact.

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**4. FIRST AID MEASURES**

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**Inhalation**

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

**Ingestion**

Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.

**Skin**

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye**

If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

**First Aid****Facilities**

Eyewash station and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

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**Extinguishing****Media**

Use carbon dioxide, dry powder or foam.

**Hazardous  
Combustion  
Products**

Under fire conditions this product may emit toxic and/or irritating fumes including oxides of carbon, nitrogen and sulphur.

**Precautions in  
connection with  
Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode.

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## **6. ACCIDENTAL RELEASE MEASURES**

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**Spills & Disposal**

Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container. 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**

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**Handling**

Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

**Storage**

Store in a cool, dry, well-ventilated area (between 8-21°C), away from sources of ignition and out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

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## **8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

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**Exposure Limits**

No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).

**Respiratory  
Protection**

If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

**Eye Protection**

Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection**

Wear gloves of impervious material. 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.

**Body Protection**

Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

**Eng. Controls**

Provide sufficient ventilation to keep airborne levels below the exposure limit.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Appearance**

Green semi-solid.

**Odour**

Mild odour.

**Melting Point**

Not available.

**Boiling Point**

>149° C

**Solubility in  
Water**

Slightly soluble.

**Specific Gravity  
(H<sub>2</sub>O=1)**

1.1228

**pH Value**

Not applicable.

**Vapour Pressure**

5 mmHg (@ 20°C)

**Vapour Density**

(Air=1)

Not available.

**Flash Point**

Not available.

**Ignition****Temperature**

Not available.

**Flammable Limits****LEL**

Not available.

**Flammable Limits****UEL**

Not available.

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**10. STABILITY AND REACTIVITY**

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**Stability**

Stable under normal use conditons.

**Hazardous****Polymerization**

Will not occur.

**Materials to Avoid**

Strong oxidisers, reducing agents, acids, alkalis, amines, heavy metals, peroxides, oxygen scavengers, free radical initiators and other polymer initiators.

**Hazardous****Decomposition****Products**

Oxides of carbon, sulphur, nitrogen, toxic fumes and irritating organic vapours.

**Hazardous Reaction**

Reacts with incompatibles.

**Conditions to****Avoid**

Heat, direct sunlight, open flames or other sources of ignition and all incompatibles.

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**11. TOXICOLOGICAL INFORMATION**

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**Toxicology  
Information**

No toxicology data available for this product.

**Inhalation**

Irritating to respiratory system. Inhalation of product vapours will cause irritation of the nose, throat and respiratory system.

**Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Skin**

May cause redness, itching and irritation. This product may cause sensitisation in some individuals.

**Eye**

Risk of serious damage to eyes. Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

**Chronic Effects**

Prolonged contact with skin, may cause sensitisation or dermatitis in sensitive individuals.

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**12. ECOLOGICAL INFORMATION**

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**Environ.  
Protection**

Do not allow product to enter drains, waterways or sewers.

**Mobility**

Cured adhesives are immobile.

**Persistence /  
Degradability**

Not biodegradable.

**Ecotoxicity**

Not available.

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**13. DISPOSAL CONSIDERATIONS**

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Dispose of waste according to federal, EPA and state regulations.

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**14. TRANSPORT INFORMATION**

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Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**U.N. Number**

None Allocated

Product Name : LOCTITE 668 RETAINING COMPOUND STICK

**Proper Shipping  
Name**

None Allocated

**DG Class**

None Allocated

**Hazchem Code**

None Allocated

**Packing Group**

None Allocated

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**15. REGULATORY INFORMATION**

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**Risk Phrase**

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

**Safety Phrase**

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 and water.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**Poisons Schedule**

Not Scheduled

**Hazard Category**

Irritant

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**16. OTHER INFORMATION**

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**Contact****Person/Point**

Technical Services Manager: Gerard Buys 1300 885 556 / 0411 669 002

**SDS History**

MSDS created: May 2005.

**...End Of MSDS...**