

# Material Safety Data Sheet

Infosafe No.            2LT1S            Issue Date: March 2005  
Product Name:        **LOCTITE COPPER MAXXfi 5920**

ISSUED by HENKAUST

**Classified as hazardous according to criteria of NOHSC**

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## COMPANY DETAILS

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### Company Name

HENKEL AUSTRALIA PTY LTD (ABN 82 001 302 996)

### Address

1 Clyde Street Silverwater  
NSW 2229 Australia

### Emergency Tel.

See CONTACT POINT

### Tel/Fax

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

### Other Information

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## IDENTIFICATION

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### Product Code

21472

### Product Name

LOCTITE COPPER MAXXfi 5920

### Proper Shipping Name

None Allocated

### UN Number

Product Name : LOCTITE COPPER MAXXfi 5920

None Allocated

**DG Class**

None Allocated

**Packing Group**

None Allocated

**Hazchem Code**

None Allocated

**Poisons Schedule**

Not Scheduled

**Product Use**

Oil tolerant grade of RTV non-acetic silicone sealant, used to manufacture formed-in-place gaskets.

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**Physical Data**

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**Appearance**

Copper Paste

**Melting Point**

Not available

**Boiling Point**

Not available

**Vapour Pressure**

5 mmHg @ 25°C

**Specific Gravity**

1.31

**Flash Point**

93°C

**Flamm. Limit LEL**

Not available

**Flamm. Limit UEL**

Not available

**Solubility in  
Water**

Not applicable (polymerises on contact)

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**Other Properties**

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**Autoignition Temp.**

Not available

**Vapour Density**

Not available

Product Name : LOCTITE COPPER MAXXfi 5920

**pH Value**

Not applicable

**Odour**

Mild odour

**Stability**

Stable under normal conditions of storage and handling.

**Haz.****Polymerization**

Will not occur.

**Materials to Avoid**

Avoid contact with water and strong oxidising agents.

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**Ingredients**

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<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	Silicone Resin	-	50-100 %
	Oximino Silane		5-10 %
	Other ingredients determined not to be hazardous		Balance

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**HEALTH HAZARD INFORMATION**

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**Health Effects**

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**Acute - Swallowed**

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

**Acute - Eye**

May cause eye irritation, tearing, stinging, blurred vision, and redness.

**Acute - Skin**

May cause redness, itching and irritation.

**Acute - Inhaled**

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

**Hazards****Identification**

Classified as hazardous according to the criteria of NOHSC.

Not classified as a dangerous good according to the ADG Code.

**Risk phrases:**

R43 May cause sensitization by skin contact.

## Safety phrases:

S2 Keep out of reach of children.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

**Chronic**

Prolonged or repeated skin contact may lead to allergic contact dermatitis and sensitisation in some individuals.

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**First Aid**

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**Swallowed**

Do NOT induce vomiting. Wash out mouth with 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.

**Skin**

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

**Inhaled**

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.

**First Aid****Facilities**

Eye wash and normal washroom facilities.

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**Advice to Doctor**

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**Advice to Doctor**

Treat symptomatically.

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**Other Health Hazard Information**

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**PRECAUTIONS FOR USE**

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**Exposure Limits**

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

**Eng. Controls**

Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

### **Other Information**

Henkel Loctite produce a complete range of manual, semi-automatic and automatic applicators for production requirements. Applicators help to speed production, eliminate waste and simplify handling. An applicator should always be used where the process involves workers continually handling sharp threaded, serrated or rough cast materials which affect the sensitive areas of the hands.

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### **Personal Protection**

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#### **Respirator Type (AS 1716)**

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.

#### **Glove Type**

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.

#### **Clothing**

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.

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### **Flammability**

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#### **Fire Hazards**

Combustible substance. This product will burn if exposed to fire.

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## SAFE HANDLING INFORMATION

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### Storage and Transport

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#### Storage

##### Precautions

Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference may be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all State and Federal regulations.

##### Transport

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

##### 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. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. 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.

##### Proper Shipping

###### Name

None Allocated

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### Spills and Disposal

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#### Disposal

##### Considerations

Dispose of waste according to federal, EPA and state regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise combustible nature.

##### Accidental

##### Release Measures

Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to 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 large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

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## **Fire/Explosion Hazard**

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### **Fire/Explos. Hazard**

Combustible substance. This product will burn if exposed to fire.

### **Hazardous Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and formaldehyde.

### **Hazardous Decomposition or Byproducts**

Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and formaldehyde.

### **Fire Fighting Precautions**

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

### **Extinguishing Media**

Use CO<sub>2</sub>, dry chemical or foam. Keep containers cool with water spray. Do not use water in a jet.

### **Hazardous Reaction**

This product will react with water to produce methyl ethyl ketoxime.

### **Hazchem Code**

None Allocated

### **Conditions to Avoid**

Heat, direct sunlight, open flames or other sources of ignition.  
Avoid contact with moisture.

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## **OTHER INFORMATION**

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**Toxicology**

No toxicity data available for this product.

**Environ.****Protection**

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

**Risk Statement**

R43 May cause sensitization by skin contact.

**Safety Statement**

S2 Keep out of reach of children.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

**Hazard Category**

Irritant

**Other Information**

When this product is exposed to moisture methyl ethyl ketoxime may be formed. Methyl ethyl ketoxime is irritating to eyes. Skin contact may lead to allergic contact dermatitis and sensitisation in some individuals. It is important to recognise that methyl ethyl ketoxime is classified as a Category 3 Carcinogen according to National Occupational Health And Safety Commission (NOHSC). That is, there is some evidence from appropriate animal studies that human exposure can result in the development of cancer, but this evidence is insufficient to place the substance in Category 2.

This product can generate formaldehyde when heated above 150°C in the presence of air. Formaldehyde is a known animal carcinogen and is listed as a probable human carcinogen by the IARC. Formaldehyde is irritating to the eyes, nose, throat and skin and is a dermal sensitiser.

**Mobility**

No data is available for this material.

**Persistence /  
Degradability**

No data is available for this material.

**Ecotoxicity**

No data is available for this material.

**SDS History**

MSDS Review: March 2005

Supersedes: March 2000

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**CONTACT POINT**

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**Contact**

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