

# Material Safety Data Sheet

Infosafe No.            1LO14            Issue Date: April 2003  
Product Name:            **LOCTITE 515 MASTER GASKET**

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 Name

LOCTITE 515 MASTER GASKET

### Proper Shipping Name

None Allocated

Other Names	<u>Name</u>	<u>Mancode</u>
	LOCTITE 515 MASTER GASKET (6 ml)	51517

Product Name : LOCTITE 515 MASTER GASKET

LOCTITE 515 MASTER GASKET (50 ml)	51531
LOCTITE 515 MASTER GASKET CARDED (50 ml)	51531C
LOCTITE 515 MASTER GASKET (300 ml)	51580
LOCTITE 515 MASTER GASKET	23408
LOCTITE 515 MASTER GASKET	33530

**UN Number**

None Allocated

**DG Class**

None Allocated

**Packing Group**

None Allocated

**Hazchem Code**

None Allocated

**Poisons Schedule**

Not Scheduled

**Product Use**

Lock and seal flanged pipe fittings. Gasketing compound.

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**Physical Data**

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**Appearance**

Purple gel with a sharp, irritating odour.

**Melting Point**

Not available

**Boiling Point**

148°C

**Vapour Pressure**

10 mmHg at 25°C

**Specific Gravity**

1.1 @ 26°C

**Flash Point**

93°C (COC)

**Flamm. Limit LEL**

Not available

**Solubility in Water**Slightly soluble

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**Other Properties****Odour Threshold**

0.1 ppm (acrylic acid)

**Stability**

Stable under normal conditions.

**Haz.****Polymerization**

Will not occur.

**Materials to Avoid**

Strong oxidising agents.

Destabilized and solidified by reducing agents.

**Other Information**

Volatile Organic Compound (EPA Method 24) = 12.8%; 141 g/L

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**Ingredients**

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<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	DIMETHACRYLATE	Proprietary	0-70 %
	URETHANE DIOL ADDUCT		
	POLYETHYLENE	25852-47-5	0-12 %
	GLYCOL DIMETHACRYLATE		
	Acrylic acid	79-10-7	0-6 %
	Silicon dioxide, amorphous, non-crystalline	112945-52-5	0-5 %
	ORGANIC PEROXIDE	80-15-9	0-5 %
	SACCHARIN	81-07-2	0-4 %
	SUBSTITUTED HYDRAZIDE	114-83-0	0-1 %
	DYESTUFFS AND STABILIZERS		0-0.2 %

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**HEALTH HAZARD INFORMATION**

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**Health Effects****Acute - Swallowed**

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

**Acute - Eye**

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

**Acute - Skin**

This product will be irritating to skin and can cause sensitisation in some individuals.

**Acute - Inhaled**

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

**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. Contact a Poisons Information Centre (Phone 131 126) or a doctor at once.

**Eye**

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**Skin**

Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. 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. Apply artificial respiration if not breathing. Seek medical attention.

**First Aid****Facilities**

Eye wash station, safety shower and normal washroom facilities.

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**Advice to Doctor**

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**Advice to Doctor**

Treat symptomatically.  
Contact HENKEL AUSTRALIA PTY. LTD.

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**Other Health Hazard Information**

Product Name : LOCTITE 515 MASTER GASKET

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**PRECAUTIONS FOR USE**

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**Exposure Limits**

No exposure limits have been established for this material by the National Occupational Health And Safety Commission (NOHSC), however for the constituent;

SUBSTANCE	TWA		STEL		Notes
	ppm	mg/m3	ppm	mg/m3	
Acrylic acid	2	5.9	-	-	'Sk'

**Other Exposure Info.**

'Sk' notice - absorption through the skin may be a significant source of exposure.

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Eng. Controls**

Ensure sufficient ventilation to keep airborne concentrations below exposure limits. Mechanical exhaust ventilation may be required.

**Other Information**

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

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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 an approved respirator with a replaceable organic vapour filter should be used. 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 faceshield should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### **Glove Type**

Polyethylene gloves should be worn to avoid prolonged skin contact.

### **Clothing**

Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended.

### **Work/Hygienic Practices**

Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

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### **Flammability**

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### **Fire Hazards**

Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition.

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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 sources of ignition. This product should be stored away from foodstuffs and strong oxidising agents. Store in original containers or approved applicators between +5°C and 28°C for maximum shelf life. Never return residual unused product to original container as such residue may have become contaminated (e.g. by metal contact) and could reduce the stability of the bulk material. For information on the design of the store-room reference should be made to Australian Standard AS1940, The storage and handling of flammable and combustible liquids. Reference should also be made to any relevant Commonwealth, State or Territory regulations.

#### **Transport**

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

#### **Proper Shipping**

**Name**None Allocated

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**Spills and Disposal**

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**Spills & Leaks**

Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Place inert, non-combustible absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labelled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

**Disposal**

Dispose of according to relevant local, state and federal government regulations.

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**Fire/Explosion Hazard**

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**Fire/Explos.  
Hazard**

Combustible liquid. This product will burn if exposed to fire. DRY POWDER, CARBON DIOXIDE OR WATER. A small volume of NITROUS OXIDE FUMES may be released on product incineration, as a red brown gas, which SHOULD NOT BE INHALED. BREATHING APPARATUS should be worn if dealing with a fire involving a LARGE volume of product.

**Hazardous  
Combustion  
Products**

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of nitrogen. A small volume of NITROUS OXIDE FUMES may be released on product incineration, as a red brown gas, which SHOULD NOT BE INHALED.

**Fire Fighting  
Procedures**

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

**Extinguishing  
Media**

Use dry agent, foam or water mist.

**Hazchem Code**None Allocated

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**OTHER INFORMATION**

Product Name : LOCTITE 515 MASTER GASKET

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**Toxicology**

LD50 (oral, rat) 10,000 mg/kg.

**Environ.****Protection**

Prevent this material entering waterways, drains and sewers.

**Risk Statement**

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

**Safety Statement**

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

S45 In case of accident or if you feel unwell seek medical advice immediately

**Hazard Category**

Irritant

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**CONTACT POINT**

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**Contact**

For emergency response: Gerard Buys - 0411 669 002  
Technical Services Manager

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