

# Material Safety Data Sheet

Infosafe No.            1LO13            Issue Date: May 2003  
Product Name:            **LOCTITE 510 GASKET ELIMINATOR**

ISSUED by HENKAUST

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

---

## COMPANY DETAILS

---

### 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

IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by Henkel Australia Pty Ltd in accordance with National Occupational Health and Safety Commission (NOHSC) guidelines. The information contained herein must not be altered, deleted or added to. Henkel Australia will issue new MSDSs when there is a change in product specifications and/or NOHSC guidelines/regulations. Henkel Australia has no objection to its MSDS being copied if: (a) the copy is made for safety related purposes; and (b) no alterations or amendments are made to the text or format of the MSDS. Henkel Australia does not guarantee the accuracy of any MSDS for our products which: (a) is not prepared by Henkel Australia; (b) is not authorised by Henkel Australia; (c) is not in the format originally supplied by Henkel Australia; or (d) has otherwise been amended or altered by a third party. Copyright [c] Henkel Australia Pty Ltd.

---

## IDENTIFICATION

---

### Product Name

LOCTITE 510 GASKET ELIMINATOR

### Proper Shipping Name

None Allocated

Other Names	<u>Name</u>	<u>Mancode</u>
	LOCTITE 510 GASKET ELIMINATOR (50 ml)	25555

Product Name : LOCTITE 510 GASKET ELIMINATOR

LOCTITE 510 GASKET  
ELIMINATOR (250 ml)                    25554

FORD MOTORCRAFT R6-177            51031FORD  
(50 ml)

GASKET ELIMINATOR  
510

LOCTITE 510 GASKET  
ELIMINATOR

**UN Number**

None Allocated

**DG Class**

None Allocated

**Packing Group**

None Allocated

**Hazchem Code**

None Allocated

**Poisons Schedule**

Not Scheduled

**Product Use**

Gasketing compound. Suitable for use from -55°C to 200°C.

---

**Physical Data**

---

**Appearance**

Anaerobic pink gel with mild characteristic odour.

**Melting Point**

Not available

**Boiling Point**

&gt;148°C

**Vapour Pressure**

&lt;0.1 mmHg @ 25 °C

**Specific Gravity**

1.08 (approx) @ 20°C

**Flash Point**

&gt;100°C (COC)

**Flamm. Limit LEL**

Not available

**Flamm. Limit UEL**

Not available

---

**Other Properties**

Product Name : LOCTITE 510 GASKET ELIMINATOR

---

**Volatile Component**

None

**Autoignition Temp.**

Not available

**Vapour Density**

Not available

**pH Value**

3-6

**Form**

Liquid

**Decomposition****Temperature**

Not available

**Stability**

Stable under normal conditions. Destabilised and solidified by reducing agents.

**Haz.****Polymerization**

Will not occur

**Materials to Avoid**

Strong oxidising and reducing agents.

**Molecular Weight**

Not available

---

**Ingredients**

---

<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	POLYETHYLENE GLYCOL DIMETHACRYLATE	15852-47-5	45-50 %
	BIS-PHENOL A FUMARATE RESIN	39382-25-7	20-25 %
	POLYMERIC PLASTICISER	68332-62-7	10-15 %
	MALEIMIDE	13676-54-5	5-10 %
	SILICON DIOXIDE FILLER	112945-52-5	1-5 %
	ORGANIC PEROXIDE	80-15-9	1-3 %
	SACCHARIN	81-07-2	1-3 %

SUBSTITUTED 114-83-0            0-1 %  
HYDRAZIDE

---

## HEALTH HAZARD INFORMATION

---

### Health Effects

---

#### Acute - Swallowed

No adverse effects expected however large amounts may cause 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

Irritating to skin resulting in redness and itching.

#### Acute - Inhaled

Harmful by inhalation. Inhalation of product vapours will cause irritation of the nose, throat and respiratory system.

#### Chronic

Prolonged or repeated skin contact may cause irritation leading to dermatitis or sensitisation.

---

### First Aid

---

#### Swallowed

Do NOT induce vomiting. Contact a Poisons Information Centre (Phone 131 126) or a doctor for advice.

#### Eye

If in eyes wash out immediately with water. If symptoms persist seek medical attention.

#### Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash contaminated clothing before re-use. If irritation occurs seek medical advice.

#### 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, safety shower and normal washroom facilities.

---

**Advice to Doctor****Advice to Doctor**

Treat symptomatically.  
Contact HENKEL AUSTRALIA PTY. LTD.

**Other Health Hazard Information****PRECAUTIONS FOR USE**

<b>Exposure Limits</b>	<b><u>Name</u></b>	<b>mg/m3 (STEL)</b>	<b>ppm (STEL)</b>	<b>mg/m3 (TWA)</b>	<b>ppm (TWA)</b>	<b><u>TWA Footnote</u></b>
	SILICON DIOXIDE FILLER			10		

**Other Exposure Info.**

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However, Exposure Standards for Silica is listed above.

**Eng. Controls**

Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

**Personal Protection****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/New Zealand 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**

Impervious PVC or PE 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.

---

#### **Flammability**

---

#### **Fire Hazards**

Will burn if involved in a fire but not considered to be a significant fire risk.

---

### **SAFE HANDLING INFORMATION**

---

#### **Storage and Transport**

---

##### **Storage**

##### **Precautions**

Store in original containers or approved applicators below 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.

##### **Transport**

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

##### **Handling**

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 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.

##### **Proper Shipping**

##### **Name**

None Allocated

---

#### **Spills and Disposal**

---

##### **Spills & Disposal**

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 government regulations.

---

**Fire/Explosion Hazard**

---

**Fire/Explos.  
Hazard**

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

**Hazardous  
Combustion  
Products**

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

**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. Use water spray to keep containers cool.

**Hazardous Reaction****Hazchem Code**

None Allocated

---

**OTHER INFORMATION**

---

**Toxicology**

Estimated LD50/oral/rat 5,000 mg/kg based on comparisons with similar products.

**Environ.  
Protection**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Prevent this material entering waterways, drains and sewers.

**Risk Statement**

R20 Harmful by inhalation.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Product Name : LOCTITE 510 GASKET ELIMINATOR

**Safety Statement**

S2 Keep out of reach of children.

S23 Do not breathe gas/fumes/vapour/spray

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

S37/39 Wear suitable gloves and eye/face protection.

S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

**Hazard Category**

Harmful, Irritant

---

**CONTACT POINT**

---

**Contact**

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

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