



# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** LOCTITE 515 MASTER GASKET

**Proper Shipping Name:** None allocated.

**Other Names:** LOCTITE 515 FLANGE SEALANT

**Use:** Anaerobic flange sealant.

**Product Code(s):** 265605, 473169, 209756

**Part Number(s):** 33530 (300 ml), 51531A (50 ml), 51517 (6 ml)

**Supplier:** HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996  
TECHNOLOGIES  
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24 HOUR EMERGENCY CONTACT NUMBER Tel: (03) 9724 6556

## SECTION 2. HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of NOHSC. This material has been classified as Harmful (Xn), Irritant (Xi) and Dangerous for the Environment (N).

### Risk phrase(s):

R20 Harmful by inhalation.  
R37/38 Irritating to respiratory system and skin.  
R41 Risk of serious eye damage.  
R43 May cause sensitisation by skin contact.

### Safety phrase(s):

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 suds.  
S37/39 Wear suitable gloves and eye/face protection.  
S46 If swallowed, seek medical advice immediately and show this container or label.

### DANGEROUS GOODS INFORMATION:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**SUSDP POISON SCHEDULE:** None allocated.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS:

| CHEMICAL ENTITY                                  | CAS NO.       | PROPORTION |
|--|---------------|------------|
| Polyurethane methacrylate resin                  |               | > 60%      |
| Polyglycol dimethacrylate                        | [25852-47-5]  | 10-30%     |
| Silica, amorphous, fumed, crystalline free       | [112945-52-5] | 5-10%      |
| Cumene hydroperoxide                             | [80-15-9]     | 1-5%       |
| Acrylic acid                                     | [79-10-7]     | 1-< 5%     |
| 1-Acetyl-2-phenylhydrazine                       | [114-83-0]    | < 1%       |
| Other ingredients determined not to be hazardous |               | < 10%      |

**DATE OF ISSUE:** 15.09.06  
Page 1 of 4

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PRODUCT NAME:

**IDH NO: -**  
LOCTITE 515 MASTER GASKET



## MATERIAL SAFETY DATA SHEET

### SECTION 4. FIRST AID MEASURES

**Ingestion:** If swallowed, **do not induce** vomiting. For advice, contact a Poisons Information Centre (Phone 13 11 26) or a doctor.

**Skin:** Remove contaminated clothing and wash affected areas with plenty of water. If irritation occurs, seek medical attention.

**Eyes:** Hold eyes open and flush with water for at least 15 minutes. If irritation develops, seek medical attention.

**Inhalation:** If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.

**Advice to doctor:** Treat symptomatically.

**First Aid facilities:** Eye wash and normal washroom facilities. A safety shower is recommended.

### SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use foam, dry chemical or carbon dioxide.

**Hazards from combustion products:** Under fire conditions, it will release oxides of carbon, oxides of nitrogen and noxious fumes.

**Precautions for fire fighters and special protective equipment:** If there is a risk of exposure to products of combustion, fire-fighters should wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear protective gloves, chemical goggles and safety boots. For small spills, wipe up with paper towel and place in a container for disposal. For large spills contain and collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite) and transfer to sealable containers suitable for storing spilled material. Flush areas in contact with spilled material with adequate warm soapy water to render the area safe for human contact. Note: Residues are not water soluble. Do not contaminate watercourse. Dispose of residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

### SECTION 7. HANDLING AND STORAGE

**Safe Handling:** Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Use in a well ventilated area. Avoid breathing vapour.

**Storage:** Store indoors in a cool, dry and well ventilated area. Keep containers sealed when not in use. Store in original containers away from heat, sparks and open flames. Store at or below 38°C.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National exposure standards:** TWA: 2 ppm as acrylic acid.

**Engineering controls:** None required under normal conditions of use, but if vapour or mist is being generated, use a local mechanical exhaust system.

**Personal protective equipment:** Use good industrial hygiene. Avoid contact with skin and eyes. Wear overalls, neoprene or butyl rubber gloves and safety glasses with side shields. Use in a well ventilated area. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.



## MATERIAL SAFETY DATA SHEET

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical data:**

Appearance: Purple gel.  
Specific gravity: 1.1  
Solubility: Slightly soluble in water  
Flash point (PMCC): > 90°C

### SECTION 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** Open flames, sparks, strong heat.

**Incompatible materials:** Keep away from strong oxidising agents, acids and alkalis. This product will be destabilised by reducing agents.

**Hazardous decomposition products:** Combustible liquid. In a fire, it can release oxides of carbon, oxides of nitrogen and noxious fumes.

**Hazardous reactions:** Hazardous polymerisation will not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

**HEALTH EFFECTS:****Acute:**

Ingestion: If swallowed, this product may cause severe gastrointestinal irritation.

Skin: Irritating to skin. May cause sensitisation by skin contact.

Eyes: Contact with the eyes can cause severe irritation which may lead to corneal damage.

Inhalation: Inhalation of vapours may cause respiratory irritation.

**Chronic:** Repeated or prolonged skin contact may lead to dermatitis.

**Toxicity information:** None available for this product.

### SECTION 12. ECOLOGICAL INFORMATION

Do not allow product to contaminate waterways or soil. This product is toxic to aquatic organisms and may have long-term adverse effects in the aquatic environment.

### SECTION 13. DISPOSAL CONSIDERATIONS

Keep unwanted material in sealed containers for disposal via chemical waste collections. Containers should be emptied prior to disposal at an approved landfill site.

### SECTION 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

### SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated



## MATERIAL SAFETY DATA SHEET

### SECTION 16. OTHER INFORMATION

**Abbreviations/acronyms:**

NOHSC - National Occupational Health and Safety Commission  
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons  
TWA - Time-weighted average

**Reference:**

1. Henkel US MSDS for 515 Gasket Eliminator Flange Sealant, February 2006

**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.

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