



# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** LOCTITE 5910 FLANGE SEALANT

**Proper Shipping Name:** None allocated

**Product code(s):** 668698

**Part Number(s):** 39306 (50 ml)

**Use:** Silicone sealant.

**Supplier:** HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996  
ADHESIVE TECHNOLOGIES  
135-141 Canterbury Road, Kilsyth, Victoria, 3137. Tel: (03) 9724 6444  
24 HOUR EMERGENCY CONTACT NUMBER: Tel: 1800 032 379

## SECTION 2. HAZARDS IDENTIFICATION

**STATEMENT OF HAZARDOUS NATURE:**  
Hazardous according to the criteria of Safe Work Australia. This material has been classified as Irritant (Xi).

**Risk Phrase(s)**  
R36/38 Irritating to eyes and skin.  
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
Vinyl oximino silane	[2224-33-1]	1-5% w/w
Carbon black	[1333-86-4]	1-5% w/w
Methyl ethyl ketoxime	[96-29-7]	< 1% w/w
Other ingredients determined not to be hazardous		to 100% w/w

## 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 soap and water. If irritation occurs, seek medical attention.



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- Eyes:** Hold eyes open and flush with water for at least 15 minutes. If irritation develops, seek medical attention.
- Inhalation:** If exposed to processing fumes, 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.

### SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Carbon dioxide, foam, dry chemical.

**Hazards from combustion products:** Under fire conditions, it will burn. Upon thermal decomposition this product can release carbon monoxide, oxides of nitrogen, acrid fumes and formaldehyde.

**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, safety glasses and safety boots. Scrape up residues and place in suitable containers for disposal. Mop up areas in contact with spilled material. 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. Spills are tacky. Avoid accidents, clean up spills immediately.

**Storage:** Store indoors in a cool, dry, well ventilated area. Keep containers sealed when not in use. Protect from physical damage and sunlight. Keep away from heat sources and open flames. Store at or below 32°C. Do not allow product to come in contact with water during storage.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National exposure standards:** TWA - 3 mg/m<sup>3</sup> as Carbon black

**Engineering controls:** None required under normal conditions of use.

**Personal protective equipment:** Avoid contact with skin and eyes. Use with adequate ventilation. Wear overalls, impervious gloves and safety glasses with side shields. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical data:**

Appearance: Black paste.  
Specific gravity: 1.34 @ 20°C  
Vapour pressure: < 5 mm Hg @ 20°C  
Solubility in water: Polymerises in the presence of water  
Flashpoint: > 93.3°C



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### SECTION 10. STABILITY AND REACTIVITY

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

**Conditions to avoid:** Avoid contact with moisture. Avoid heating this product to temperatures greater than 150°C.

**Incompatible materials:** Keep away from strong oxidising agents, strong acids and strong bases.

**Hazardous decomposition products:** Thermal decomposition products can include carbon monoxide, oxides of nitrogen, acrid fumes and formaldehyde.

**Hazardous reactions:** None if used for intended purpose.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### HEALTH EFFECTS:

##### Acute:

**Ingestion:** Ingestion is an unlikely route of exposure. If ingested, symptoms may include gastrointestinal irritation, nausea and vomiting.

**Skin:** Contact with the skin may result in irritation, redness or itching. This product may cause skin sensitisation in susceptible individuals.

**Eyes:** Contact with the eyes may cause significant irritation.

**Inhalation:** Vapours may irritate the nasal passages.

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

**Other information:** When heated to temperatures greater than 150°C in the presence of air, this product may release formaldehyde vapours. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitiser. Exposure to moisture during the curing process will release up to 5% methanol, which at this concentration, may cause harmful effects by all exposure routes.

**Toxicity information:** None available.

### SECTION 12. ECOLOGICAL INFORMATION

No ecological information is available for this product. Avoid contaminating waterways, drains and soil.

### SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of the cured material and empty containers at an approved land waste 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

### SECTION 16. OTHER INFORMATION

#### Abbreviations/acronyms:

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons



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### 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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