



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: LOCTITE 596 SUPERFLEX RED HIGH TEMPERATURE RTV SEALANT

Proper Shipping Name: None allocated

Other Name(s): LOCTITE HT RED RTV 596, HIGH TEMP RED SILICONE SEALANT

Product Code(s): 198817, 135507, 287421, 287425

Part Number(s): 59675 (300 ml), 59630 (80 ml), 34243 (85 gram), 34244 (310 gram)

Use: Silicone sealant.

Supplier: HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996
TECHNOLOGIES
135-141 Canterbury Road, Kilsyth, Victoria 3137. Tel:(03) 9724 6444
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 Irritant (Xi).

Risk phrase(s)

R36/38 Irritating to eyes and skin.

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.

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
Ethyltriacetoxysilane	[17689-77-9]	1-5% w/w
Methyltriacetoxysilane	[4253-34-3]	1-5% w/w
Other ingredients determined not to be hazardous		to 100% w/w

Exposure to moisture during the curing process will release up to 5% acetic acid

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.

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Skin: If skin contact occurs, promptly remove contaminated clothing and wash affected areas with soap and water. If sealant bonds to skin, gently peel off sealant using a blunt object such as a spoon, preferably after soaking in warm soapy water.

Eyes: Hold eyes open and flush with water. 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.

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 acid 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 uncured sealant and place in suitable containers for disposal. Mop up areas in contact with spilled material. Allow residues to cure in a well ventilated area and then dispose of 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. Use in a well ventilated area.

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. Store at or below 32°C. Do not return any unused product to the original container, as product contamination may occur. Do not allow product to come in contact with water during storage.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: None established

Engineering controls: Provide adequate ventilation if vapour is being generated.

Personal protective equipment: Avoid contact with skin and eyes. It is recommended that rubber gloves and safety glasses with side shields be worn when working with this product. Where ventilation is inadequate, select and use a respirator in accordance with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance: Red paste.

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Specific gravity: 1.01 @ 20°C
Solubility in water: Polymerises in the presence of water. Water resistant when dry.
Odour: Acetic acid

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of temperature and pressure.
Conditions to avoid: Polymerises in the presence of moisture. If heated to temperatures greater than 150°C, this product may release small amounts of formaldehyde.
Incompatible materials: Keep away from strong oxidising agents, strong acids and strong bases.
Hazardous decomposition products: Thermal decomposition products can include acrid fumes and formaldehyde.
Hazardous reactions: None if used for intended purpose.
Other reactions: Acetic acid is released during the curing process.

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. The wet sealant, if allowed to dry, will bond to the skin.

Eyes: Contact with the eyes may cause 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.

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

The cured material can be disposed of 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



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SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

NOHSC - National Occupational Health and Safety Commission

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

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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