

Contact Sheet



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MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE INSTANT GASKET - BLACK SILICONE - PRESSURISED CAN

Product-Code: 899129

Intended use: Silicone Sealant

Supplier:

HENKEL AUSTRALIA PTY. LIMITED
ADHESIVE TECHNOLOGIES
135-141 Canterbury Road
3137 Kilsyth, Victoria

Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xn - Harmful Xi - Irritant

Risk phrases:

R36/38 Irritating to eyes and skin.

R40 Limited evidence of a carcinogenic effect.

R43 May cause sensitisation by skin contact.

Safety phrases:

S23 Do not breathe gas/fumes/vapour/spray.

S36/37 Wear suitable protective clothing and gloves.

S60 This material and its container must be disposed of as hazardous waste.

Dangerous Goods information:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Class or division:

2.2

Signal word:

HAZARDOUS



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Calcium carbonate	471-34-1	30 - 60 %
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8	30 - 60 %
Siloxanes and Silicones, di-Me	63148-62-9	10 - 30 %
Norflurane	811-97-2	< 10 %
non hazardous ingredients~		10 - 30 %

SECTION 4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Seek medical advice.
Skin:	Wipe off paste with paper towel or cloth. Wash with soap and water. If symptoms develop and persist, get medical attention.
Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Inhalation:	Move to fresh air. If symptoms persist, seek medical advice.
First Aid facilities:	Eye wash and safety shower

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide. Dry Chemical foam
Decomposition products in case of fire:	Oxides of Silicon Oxides of carbon. Formaldehyde
Particular danger in case of fire:	Contents under pressure. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.
Special protective equipment for fire-fighters:	Use water spray to keep fire exposed containers cool and disperse vapors.
Hazchem code:	2YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Do not allow spill to enter sewage systems or open bodies of water.
Clean-up methods:	Maintain good ventilation for large spills. Scrape up spilled material and place in a closed container for disposal. Place scrap material in a well ventilated area and allow to cure to rubber.



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SECTION 7. HANDLING AND STORAGE

- Precautions for safe handling:** Avoid contact with eyes, skin and clothing.
Avoid breathing vapors or mists of this product.
Wash thoroughly after handling.
Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation.
- Conditions for safe storage:** Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:

Ingredient	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
CALCIUM CARBONATE (INSPIRABLE DUST) 471-34-1	Inspirable dust		10	-	-	-
1,1,1,2-TETRAFLUOROETHANE (HFC 134A) 811-97-2		1,000	4,240	-	-	-

- Engineering controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
- Eye protection:** Safety goggles or safety glasses with side shields.
- Skin protection:** Wear suitable protective clothing.
Suitable protective gloves.
- Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Black
Aerosol, Paste
- Odor:** Mild, Petroleum
- Specific gravity:** 1.30 - 1.37
- Flash point:** > 93.00 °C (> 199.4 °F)
- Solubility:** Solvent: , Polymerizes on contact with water.
- VOC content:** 3.90 %

SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid:** Moisture.



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Incompatible materials:	Polymerizes on contact with water.
Hazardous decomposition products:	Oxides of carbon. Oxides of silicon. Formaldehyde. Methyl ethyl ketoxime formed during cure.
Hazardous polymerization:	Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion:	Not expected under normal conditions of use. May be harmful if swallowed.
Skin:	Prolonged or repeated contact may worsen irritation. May cause allergic skin reaction. The silane is a skin and eye irritant and prolonged contact may cause eye and skin burns. The low concentration makes such overexposure unlikely and minimizes its affect on health and safety.
Eyes:	Contact with uncured product may irritate the eyes. The silane is a skin and eye irritant and prolonged contact may cause eye and skin burns. The low concentration makes such overexposure unlikely and minimizes its affect on health and safety.
Inhalation:	Inhalation of dusts of this product may cause severe irritation and burns to the respiratory tract. When heated to temperatures exceeding 300° F (150° C) in the presence of air, silicones may form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling conditions may be maintained by keeping formaldehyde vapor concentrations below the OSHA permissible limit.
Chronic effects:	Repeated excessive dermal esposure may cause marked skin irritation and may increase the possibility of allergic reactions. Studies on rodents have suggested that an ingredient in this product, when fed at high levels in the diet, may have cancer-causing potential.
Toxicity data:	
Acute oral toxicity:	Ca-carbonate 471-34-1
	LD 50 (Rat) = 6,450 mg/kg LD 50 (Mouse) = 6,450 mg/kg



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SECTION 12. ECOLOGICAL INFORMATION

General ecological information: No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, ground water, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of in accordance with local and national regulations.

Disposal for uncleaned package: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport:

Dangerous Goods information: Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

UN no.: 1950
Proper shipping name: AEROSOLS
Class or division: 2.2

Packaging group:
Hazchem code: 2YE
Emergency information: Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.

EPG: 2D1

Marine transport IMDG:

UN no.: 1950
Proper shipping name: AEROSOLS
Class or division: 2.2
Packaging group:
EmS: F-D ,S-U
Seawater pollutant: -



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Air transport IATA:

UN no.:	1950
Proper shipping name:	Aerosols, non-flammable
Class or division:	2.2
Packaging group:	
Packaging instructions (passenger)	203
Packaging instructions (cargo)	203
Label:	2.2

SECTION 15. REGULATORY INFORMATION

SUSDP Poisons Schedule: None

AICS: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
STEL - Short term exposure limit
TWA - Time weighted average

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Disclaimer:

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