



Chemical Name: Gasket Maker

Manufacturer: Loctite

Container size: 16oz.

Location: VLA

Disposal: Place empty container in trash.



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE BLUE RTV GASKET MAKER (AUTOMOTIVE)

Product-Code: 287434

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 03 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xi - Irritant

Risk phrases:

R36/38 Irritating to eyes and skin.

Safety phrases:

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).

Signal word:

HAZARDOUS

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Siloxanes and Silicones, di-Me	63148-62-9	> 60 %
Silicon dioxide	7631-86-9	< 10 %
Siloxanes and Silicones, di-Me	63148-62-9	< 5 %
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8	< 5 %
Triacetoxyethylsilane	17689-77-9	< 5 %
Methylsilanetriyl triacetate	4253-34-3	< 5 %



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SECTION 4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting. Seek medical advice.
Skin:	Rinse with running water and soap. Obtain medical attention if irritation persists.
Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
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, foam, powder Fine water spray
Decomposition products in case of fire:	carbon oxides. Silica fume Formaldehyde
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus.
Additional fire fighting advice:	In case of fire, keep containers cool with water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Avoid contact with skin and eyes. Ensure adequate ventilation.
Environmental precautions:	Do not let product enter drains.
Clean-up methods:	Scrape up as much material as possible. Ensure adequate ventilation. Store in a partly filled, closed container until disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Use only in well-ventilated areas. Vapours should be extracted to avoid inhalation.
Conditions for safe storage:	Store in a cool, well-ventilated place. Never allow product to get in contact with water during storage



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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)
FUMED SILICA (RESPIRABLE FRACTION) 7631-86-9	Respirable fraction.		2	-	-	-

Engineering controls: Ensure good ventilation/suction at the workplace.

Eye protection: Wear protective glasses.

Skin protection: Wear suitable protective clothing.
Nitrile rubber gloves should be worn.

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

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: blue
paste
Odor: Acetic acid
Specific gravity: 1.04
Vapor pressure: < 13 mbar
Density: 1.04 g/cm3
Solubility: Solvent: , Not soluble. Polymerizes in presence of water.
VOC content 4.6 %

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Avoid excessive heat and ignition sources.

Incompatible materials: Strong oxidizing agents.
Polymerises in presence of water.

Hazardous decomposition products: Acetic acid is liberated slowly upon contact with moisture.
At higher temperatures (>150C) may release formaldehyde (traces).



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SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

- Ingestion:** Not expected to be harmful by ingestion.
- Skin:** May cause skin irritation.
- Eyes:** Vapors may irritate eyes. Contact with eyes will cause irritation.
- Inhalation:** Acetic acid produced during cure may irritate eyes, nose and throat. 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:** No chronic health effects are expected from the intended use of these products or from foreseeable handling of them in the workplace.

Acute oral toxicity: Silicon dioxide LD 50 (Mouse) = 15,000 mg/kg
7631-86-9 LD 50 (Rat) = 22,500 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

- General ecological information:** Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.
- Mobility:** Cured adhesives are immobile.

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: 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).

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

SECTION 15. REGULATORY INFORMATION

SUSDP Poisons Schedule: None



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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

Date of previous issue:

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Disclaimer:

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