



I. Product Description

CRC Grey RTV Gasket Sensor Safe is formulated for high torque applications (predominantly Japanese designs) and has an intermittent service temperature of up to 330 °C.

CRC Grey RTV Gasket Sensor Safe is a self-forming room temperature vulcanising Silicone that replaces almost any cut gasket, felt, cork, paper, asbestos and rubber gaskets. No gasket sealers are required – the pure silicone rubber forms to any size and shape quickly.

CRC Grey RTV Gasket Sensor Safe features low odour and is non-corrosive with excellent oil resistance. It resists migrating caused by thermal cycles, cracking, shrinking and vibration and is highly resistant to auto and shop fluids.

Do not use as a head gasket, not suitable for stove pipes or in fireplaces.

II. Application and Directions

Preparation:

- Clean & dry surface before application (use mechanical or solvent cleaning, not soap or detergent).
- Slice nozzle at 45 degrees to desired bead size. A bead of 2-4mm is adequate for most applications.

Application:

- Apply to one surface only.
- For best results circle all holes.
- Replace parts using original bolts and studs.
- CRC Grey RTV Gasket Sensor Safe is tack-free after approx. 30 minutes. Length of time required for full cure depends on thickness of application, humidity, temperature, etc.
- Immediately after completion, clean excess sealant off surfaces, tools and hands with a clean dry cloth.

Clean Up:

- Use ADOS Solvent N to clean uncured product off equipment and surfaces. Can also help to soften cured product.

Additional Information:

- Do not use as a head gasket.
- Not suitable for stove pipes or in fireplaces.

III. Features & Benefits

- Sensor safe
- Intermittent service temperature of up to 330 °C
- Makes any size or shape of gasket in minutes
- Replaces most automotive gaskets
- Odourless, non-corrosive, safe for all models, excellent oil resistance
- Easy to apply
- Excellent adhesion



IV. Typical Properties and Characteristics

Composition	Silicone Polymer
Curing Method	Neutral (Oxime)
Colour	Grey
Continuous Service Temperature	260 °C
Intermittent Temperature	330 °C
Hardness (Shore A)	≥ 18
Tensile Strength	≥ 0.8 N/mm ²
Elongation at Break	≥ 250%
Elastic Recovery	100%
Shrinkage	1%
Tack Free Time	≤ 30 minutes

V. Package Description

Part Number	Size
5079	300g Cartridge
8637	85g Tube (Blister)

VI. Special Precautions

General:

Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

First Aid:

Swallowed – Do NOT induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

Skin – Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Eyes – Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay

Inhalation – Remove from contaminated area. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 01/2012

PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.