



The Professional's Choice

Product No: 14072, 14060, 14059

TECHNICAL DATA SHEET

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CRC RTV Silicone Sealant

I. Product Description

CRC RTV (Room Temperature Vulcanizing) Silicone Pressurized Tubes are designed for a wide range of sealing, bonding, protecting and waterproofing applications.

The CRC Select-a-Bead™ nozzle allows for easy control of silicone bead width, with a unique double piston pressurized system allowing for smooth, uniform dispensing from start to finish.

II. Features & Benefits

- **No Caulking Gun required!**
- Sensor safe
- Double piston pressurized can - Allows for smoother, effortless application
- Select-a-Bead™ nozzle - Allows user to control bead width
- Self-sealing plug
- Seals, bonds, waterproofs, and protects
- Cures at room temperature

III. Application and Directions

NOTE: Not recommended for use involving continuous immersion in gasoline or head gasketing operations.

Preparation:

- Surfaces must be clean from any contamination and dry before application. Sealant adheres best to clean, unpainted surfaces.
- Use mechanical or solvent cleaning. Do not use soap or detergent.
- Use alcohol on glass, and for plastic consult the supplier for recommended cleaning solvent.
- Use masking tape to cover surfaces and joints to simplify cleaning.
- If surface requires a primer, the primer must be dry before applying sealant

Application:

- Pull tab, then adjust cap following min/max arrow to control bead width.
- Push nozzle against surface and press handle to apply sealant.
- If further tooling is required, complete within 5 minutes. Remove excess sealant immediately with a dry paper towel.
- Sealant "skins" in approximately 10 minutes, dries to the touch in one hour, and fully cures and bonds in 24 hours. Optimum strength is achieved in 7 days.
- If gasket is not used in assembly, apply sealant to surface of one part and allow skin to form before assembling parts.
- Remove masking tape within 1 hour.
- Resealable: If contents are not used, wipe the top of nozzle and firmly replace cap. If clogged, use small tool to clear tip.

IV. Typical Properties and Characteristics

Physical Properties & Performance Characteristics:

Composition	Silicone polymer
Curing Method	Neutral (Oxime)
Colour	Black (14072), Red (14059) Grey (14060)
Service Temperatures	-34.4 °C to +232.2 °C
Peel Strength (ASTM C794)	2.9 kN/m
Hardness (Shore A)	20-35
Sag / slump (w = 20mm)	< 1mm
Tensile Strength	≥ 1.0 MPa
Dynamic Joint Movement	± 25%
Density	1.04
Tooling Time	6-20 minutes
Toxicity	Not suitable for fish tanks
Tack Free Time	20 minutes
Cure Time (5mm, 20°C / 55%RH)	2 days

V. Package Description

Part Number	Size
14072	184g Cartridge
14060	184g Cartridge
14059	184g Cartridge

VI. Special Precautions

General:

Keep locked up. Store in cool, dry, protected area. Use with adequate ventilation. Do not eat, drink or smoke while using. Dispose of empty containers safely. All unused product should be disposed of in conformance with local regulations, do not contaminate water supply.

First Aid:

Swallowed – Urgent hospital treatment is likely to be needed. 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 – Wipe off excess with absorbent tissue or towel. Wash affected areas with warm water and soap. Seek medical attention if swelling/redness/blistering or irritation occurs.

Eyes – Hold open and flush eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay.

Inhalation – Remove from contaminated area. Lay patient down. Keep warm and rested. Transport to hospital or doctor.

Refer to Material Safety Data Sheet for more details.