



## I. Product Description

**CRC Black RTV (Room Temperature Vulcanizing) Silicone Adhesive** is the simple way to seal, protect, bond, insulate and waterproof. Superb for forming instant, custom-shaped gaskets, **Black RTV Silicone** adheres to most materials used in the industrial, electrical, metalworking and construction industries. **Black RTV Silicone** is a high pressure, low odor, non-corrosive gasket sealant for use in a variety of applications that require no sag or shrinkage.

## II. Applications

Recommended and designed for a wide range of sealing, bonding, protection and waterproofing in HVAC, electrical, construction, metal working and many more applications. Use as a heavy duty industrial gasket adhesive for filling gaps between mating parts, gearboxes, pumps, motors and for general gasket sealing.

## III. Features & Benefits

- **Seals, Bonds, Waterproofs and Protects.**
- **Cures At Room Temperature.** No special curing methods required.
- **Chemically Stable.** Shows little change in physical properties after exposure to sunlight (UV rays), rain, snow, ozone, temperature extremes and weathering.
- **High Pressure Rating.** Recommended for high-pressure applications.
- **Non-Corrosive.** Excellent for use on metal to metal contacts.
- **Low Odor.** Improves worker comfort.

## IV. Physical Properties without propellant

Flash Point	Not Applicable	Boiling Point	Not Applicable
Odor	Slight	Solubility	None in water
Appearance	Black Paste	% Volatile	Not Determined
Vapor Density	>air	Specific Gravity	1.21
VOC Content (Fed)	56 g/l	Temperature range	-30°F To 450°F
Sara Title III, Sect. 313 Chemicals	No		500°F intermittent
Prop 65	No	Propellant	Nitrogen

## V. Specifications and Approvals

When fully cured and washed, CRC Black RTV Silicone Adhesive meets the following regulations:

- TT-S-001543A, Class A
- TT-S-00230C, Class A
- ASTM C-920

## VI. Performance Characteristics

Cure Time (Total)	24 hours
Elongation Rate	500 +/- 25
Dielectric Strength	550 volts/mil
Tensile Strength	260 psi
Durometer Hardness (Shore A)	33

## VII. Directions

- Clean and dry all surfaces. Remove any oil and grease prior to application. Sealant adheres best to clean, unpainted surfaces.
- For a smooth seal, apply sealant at a 45° angle. Dispense RTV Silicone from the pressurized tube by pressing finger to nozzle to tilt sideways. RTV Silicone in the cartridge must be dispensed using a caulk gun. Cut tip of cartridge, screw-on applicator nozzle and cut nozzle to desired bead size.
- If further tooling is required, complete within 5 minutes. Remove excess sealant immediately with a dry paper towel.
- Normally sealant “skins” in 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.
- After sealant is completely cured, excess material can be removed by trimming with a sharp blade. Avoid undercutting the sealant.
- Pressurized tube is resealable. If contents are not completely used, extrude 3/8” bead of sealant beyond the tube opening. When ready to re-use, simply pull out the cured plug.
- Not recommended for use involving continuous immersion in gasoline.

## VIII. Package Description

Part Number	Container Size
14072	8 oz Pressurized Tube

## IX. Disposal

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local, state and federal regulations.

## IX. Special Use Warnings

### Aerosol Cans

Do not puncture, incinerate or store above 120° F. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

### General

Use only in well-ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapor and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure, review this product’s Material Safety Data Sheet.

**DISCLAIMER:** This information is accurate to the best of CRC Industries’ knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.

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