

SPECIALTY *Solutions*



RTV Clear and Red

- Adhesive, sealant, caulk and even a gasket maker
- Remains strong and flexible at extreme temperatures
- Easy to use, with no mess, less waste and no caulk gun needed



State[®]
Since 1911

CARE FOR WORK ENVIRONMENTS[®]

RTV

Clear and Red

MULTI-PURPOSE FORMULA

State RTV can be used as an adhesive, sealant, caulk and even as a gasket maker. State RTV converts quickly from a soft, tacky thermo-plastic to a strong, temperature stable thermo-set. RTV's internal curing system works at room temperature. State RTV remains strong and flexible in extreme temperatures. RTV Red is specially developed for high temperature applications (up to 650° F constant and 700° F up to 1/2 hour.)

EASY APPLICATION

Automatic tube creates controllable bead— no mess, less waste and no caulk gun needed. RTV caulks, seals, insulates, bonds, weatherproofs and repairs a variety of materials. It adheres to metal, porcelain, ceramic, non-oily wood, glass, painted surfaces, many plastics and rubber.

RTV is oxygen sensor safe and engine oil resistant. These features make it especially well suited for automotive and gasket applications.

COUNTLESS APPLICATIONS

Use RTV Clear and RTV Red in all of these application types:

- As a formed-in-place gasket
- As an industrial sealer and caulk
- For a flexible adhesive
- As a pipe and tank sealer
- To weatherproof, protect and insulate
- To control noise and vibration
- As a specialty sealant

DIRECTIONS FOR USE:

1. Clean and dry surface. Remove any oil or grease.
2. For a smooth seal, hold at a 45° angle and apply from nozzle by tilting nozzle sideways.
3. If further tooling is required, complete within five minutes. Remove excess sealant immediately with dry paper towel.
4. Normally, sealant "skins" in five minutes, dries to the touch in one hour, fully cures and bonds in 24 hours. Optimum strength is achieved in seven days.
5. If gasket is not used in assembly, apply sealant to surface of one part and allow to "skin" before assembling parts.
6. After sealant is completely cured, excess material can be removed by trimming with a sharp blade.
7. Apply sealant after any painting.
8. Resealable - if entire contents are not used, extrude 3/8" of sealant beyond opening. When ready to reuse, pull out cured plug.
9. Not recommended for use involving continuous immersion in gasoline or head gasketing application.

Note: Solvents may soften cured RTV Red and RTV Clear. Paints do not adhere well to these sealants.

Please review label and SDS for all product directions, precautions and first aid information.

PACKAGING

44864 Clear 8 oz. Tube/CS12

44862 Red 8 oz. Tube/CS12

TECHNICAL DATA

RTV Clear - All Purpose Formula

APPEARANCE: clear flexible caulk
FORMULA TYPE: silicone rubber
TEMP. RANGE: -80°F to 450°F (intermittently up to 600°F)
LOW VOLATILITY: less than 5% volatile
NONCORROSIVE: yes
OXYGEN SENSOR SAFE: yes
ENGINE OIL RESISTANT: yes
CURE TIME: 24 hours
TACK FREE TIME: 15 minutes
TENSILE STRENGTH: 350 +/- 50 PSI
DUROMETER HARDNESS, SHORE A: 30 points
ELONGATION: 500% +/- 50%
WATER SOLUBILITY: less than 1%
SHELF LIFE: minimum 12 months at or below 90°F in unopened original container

RTV Red - High Temperature Formula

APPEARANCE: copper flexible caulk
FORMULA TYPE: silicone rubber
TEMP. RANGE: -60°F to 650°F (constant) 700°F max for 1/2 hour
LOW VOLATILITY: less than 5% volatile
NONCORROSIVE: yes
OXYGEN SENSOR SAFE: yes
ENGINE OIL RESISTANT: yes - excellent hot oil resistance
CURE TIME: 24 hours
TACK FREE TIME: 20 minutes
TENSILE STRENGTH: 350 +/- 50 PSI
DUROMETER HARDNESS, SHORE A: 30 - 35 points
ELONGATION: 500% +/- 50%
WATER SOLUBILITY: less than 1%
GM SPEC: #9985985
SHELF LIFE: minimum 12 months at or below 90°F in unopened original container



State Industrial Products
5915 Landerbrook Drive
Mayfield Heights, OH 44124
To Order Call: 1-866-747-2229
www.stateindustrial.com

Canada
6935 Davand Drive
Mississauga, Ontario L5T 1L5
To Order Call: 1-800-668-6513

Puerto Rico
Royal Industrial Park, Bldg "M"
Local #5, Carr 869, km 1.5 Palmas
Cataño, P.R. 00962
To Order Call: 787-275-3185

