



3281 Guasti Road, Suite 260
Ontario, CA 91761
(909) 987-0550 (800)538-3091
Fax: (909) 987-0490
<http://www.supergluecorp.com>

PRODUCT DATA SHEET

RED HI-TEMP RTV SILICONE

Page 1 of 3

Pacer Technology's PRO SEAL® **RED HI-TEMP RTV SILICONE** replaces most pre-cut gaskets and coats preformed gaskets for a reliable seal on exhaust manifolds, timing chain covers and most other high temperature applications. This low volatile formula will not foul oxygen sensors and resists oil, transmission fluid, water, and antifreeze. Cures to a flexible silicone rubber, resists cracking and shrinking.

PROPERTIES

Liquid State:

Chemical Base	Acetoxy Silicone
Flashpoint (COC)	>250 ⁰ F (>121 ⁰ C)
Color	Red
Viscosity	Thixotropic paste
Vapor Pressure	<5mmHg
Vapor Density (Air=1)	>1
Specific Gravity	1.04
Evaporation Rate (Ether=1)	N/A
Extrusion Rate	400g/min (1/8 in. orifice, 90 psi)

Cured State:

Service Temperature Range	-70 ⁰ F to +600 ⁰ F (-57 ⁰ C to +316 ⁰ C) Continuous -70 ⁰ F to +650 ⁰ F (-57 ⁰ C to +343 ⁰ C) Intermittent
Pressure Resistance	5000 psi
Elongation	600%
Average expected shrinkage	0.4%
Tensile Strength	325 psi
Hardness (Shore A)	25 (after 24 hours @ 50% Rel. humidity) 32 (after 72 hours @ 50% Rel. humidity)
Tack-free Time, minutes	10-20 (@ 250C, 50% Rel. humidity)
Full Cure (3.18mm thickness)	24 hours

STORAGE AND SHELF LIFE

Store Material in original containers in a cool, dry location. After opening, store uncapped, letting material slightly ooze out of nozzle. Remove cured plug in nozzle before next use. Stored under these conditions, a one year shelf life can be expected.

		<p>3281 Guasti Road, Suite 260 Ontario, CA 91761 (909) 987-0550 (800)538-3091 Fax: (909) 987-0490 http://www.supergluecorp.com</p>
PRODUCT DATA SHEET		RED HI-TEMP RTV SILICONE

APPLICATION DIRECTIONS

1. Remove old gasket and gasketing material thoroughly. Clean oil and grease from surfaces. Be sure surfaces are dry.
2. For power can, hold can at 45° angle and push nozzle to apply.
3. Choose bonding application – use 1/16" to 1/4" diameter bead:
 - For joint bonding**, apply a bead of silicone to one mating surface. If joint is to be regularly opened, apply a light film of oil to other mating surface before closing.
 - For gasket replacement**, apply to 1 surface in an unbroken, uniform bead, encircling all bolt holes.
 - For gasket dressing**, apply to both sides of precut gasket before installation.
4. Allow sealant to skin (about 15 minutes) before assembling parts.
5. Assemble parts and do not over tighten bolts or joint. Full cure in 24 hours.
6. Excess material can be removed from parts by trimming with sharp blade. Avoid undercutting the seal.
7. If entire contents are not used, leave 3/8" of silicone beyond nozzle opening. When ready to reuse, pull out cured silicone.

For chemical removal of RTV Silicones, use methylene chloride or D-Limonene.

SAFETY AND HANDLING PRECAUTIONS

Avoid contact with eyes and skin. Uncured sealant liberates acetic acid, evolved during cure on exposure to water or moist air. Observe exposure limits for acetic acid. Sealant may cause irritation to eyes; contact lens wearers should take appropriate precautions. **FIRST AID:** In case of eye contact, flush with water for 15 minutes, obtain medical attention. In case of skin contact, removed uncured sealant with dry cloth or paper towel, wash with soap and water. If swallowed, seek medical advice immediately and show the container label. Use in a well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

For more information, refer to Material Safety Data Sheet, available upon request. In case of emergency, call CHEMTREC (800) 424-9300, Pacer Technology (800) 538-3091 or (909) 987-0550.

		<p>3281 Guasti Road, Suite 260 Ontario, CA 91761 (909) 987-0550 (800)538-3091 Fax: (909) 987-0490 http://www.supergluecorp.com</p>
PRODUCT DATA SHEET		RED HI-TEMP RTV SILICONE

- PART NUMBER:** N80724 – 1 oz tube
 N80726 – 3 oz tube
 N80728 – 11.1 oz cartridge
 N80729 – 8 oz power can

Rev 5 – 2016 kr

The information in this Product Data Sheet (PDS) is of a general nature based on our knowledge and experience with this product and should be used for information and consideration purposes only. The product can have a variety of different applications, as well as differing application and working conditions in your environment that are beyond our control. Therefore, this data does not constitute a warranty, expressed or implied, statutory or otherwise, nor is it representation for which Pacer Technology assumes legal responsibility. Pacer Technology strongly recommends that users of the product independently determine the suitability of the product for their use.

Pacer Technology specifically disclaims any liability for consequential or incidental damages of any kind, including profit. Any use of this product must be determined by the user to be in accordance with applicable federal, state, provincial, and local laws and regulations.