



Blue RTV Silicone (20433) is designed to waterproof, bond, seal, caulk and insulate. It bonds metal, glass, leather, vinyl, rubber, fabric and polished wood. Blue RTV is a low volatile formula and can be used to seal windshield glass, windows, insulate electrical wires and fixtures, and repair hoses and plumbing leaks.

APPLICATION CHARACTERISTICS

Surfaces should be clean and dry, free from oil and dirt. If necessary, use solvent to remove old gasket material. Apply an unbroken, uniform bead 1/16" to 1/8" in diameter to one surface, completely encircling all boltholes. Allow 15-20 minutes for silicone to skin-over, then assemble parts. Do not over tighten joints.

Excess material can be removed with a sharp blade after full cure. Avoid undercutting the seal. Use methylene chloride or D-Limonene, for chemical removal of RTV Silicones.

PROPERTIES

Liquid State:

Chemical Base	Acetoxy Silicone
Flashpoint (COC)	>250 ⁰ F (>121 ⁰ C)
Color	Blue
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	-75 ⁰ to +400 ⁰ F (-59 ⁰ C to +204 ⁰ C) Continuous -75 ⁰ F to +500 ⁰ F (-59 ⁰ C to +260 ⁰ C) Intermittent
Pressure Resistance	5000 psi
Elongation	550%
Tensile Strength	325 psi
Hardness (Shore A)	25 (after 24 hours @ 50% Rel. humidity) 30 (after 72 hours @ 50% Rel. humidity)
Tack-free Time, minutes	10-20 (@ 25 ⁰ C, 50% Rel. humidity)
Full Cure (3.18mm thickness)	24 hours



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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.

SAFETY AND HANDLING PRECAUTIONS

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. In case of eye contact, flush with water for 15 minutes, and obtain medical attention. In case of skin contact, removed uncured sealant with dry cloth or paper towel, wash with soap and water. Avoid prolonged or repeated skin contact.

For more information, refer to Material Safety Data Sheet, available upon request. In case of emergency, call CHEMTREC (800) 424-9300, Pacer Technology (800) 637-9803 (outside CA only) or (909) 987-0550.

PART NUMBER: 20433 – 8 oz power can

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The data contained herein is furnished for descriptive purposes only and is believed to be reliable. Users of any products described in the data sheet have the responsibility to determine the suitability for their particular use thereof, and Pacer relies upon such users to adopt all necessary precautions to ensure the protection of property and persons against hazards involved in the use thereof.

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