



# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224  
Phone: 410-675-2100 or 800-543-3840

Revised: 7/20/11

## DAP<sup>®</sup> Auto/Marine Sealant 100% RTV Silicone

- Forms a strong waterproof seal
- Excellent adhesion & flexibility
- Withstands saltwater
- Endures sunlight
- Won't crack or shrink
- RTV Formula

**Packaging:** 2.8 fluid ounces (82.8 mL)  
**Color:** Clear  
**UPC Number:** 70798 00694

### Company Identification:

Manufactured for: DAP Products Inc., 2400 Boston Street, Suite 200, Baltimore, Maryland 21224  
Usage Information: Call 1-888-DAP-TIPS or visit **dap.com** & click on "Ask the Expert".  
Order Information: 800-327-3339

### Product Description:

**DAP<sup>®</sup> Auto/Marine Sealant** is a one component, acetoxy cure, 100% RTV silicone rubber that seals and bonds for automotive and marine maintenance and repair applications. It provides a long lasting, waterproof seal that stays flexible and won't crack or shrink. It resists vibration, expansion and contraction. Once cured, it is unaffected by temperature extremes (-40°F to 400°F).

### Suggested Uses:

#### *Ideal for:*

- Weatherproofing windshields (not for windshield cracks), headlights and hatches.
- Attaching trim, cleats, accessories, fittings.
- Sealing boat trailer lights.
- Repairing canvas and sailcloth.

#### *Adheres to:*

- Glass
- Ceramic
- Fiberglass
- Porcelain
- Non-oily woods
- Canvas
- Most metals (see **For Best Results** section)
- Most plastics and rubbers
- Painted surfaces

### Performance Characteristics:

- When cured and washed, the product meets the requirements of FDA Regulation No. 21 CFR 177.2600.

### **Surface Preparation & Application:**

1. Remove old sealant from surface. Prepare a clean, dry surface free of loose debris, dust, dirt, residual adhesive, soap, oil or grease.
2. Remove cap and puncture inner seal with other side of cap.
3. Screw on nozzle.
4. Cut nozzle at 45° angle to desired bead size.
5. Apply sealant to surface, pushing the bead ahead of the nozzle.
6. Smooth bead with finishing tool if necessary.
7. Clean up excess uncured sealant from surface and tools with mineral spirits. Do not use mineral spirits to clean skin. Excess cured sealant must be cut or scraped away. Wash hands with soap and water.
8. Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces.
9. When applying to hard rubber or plastic surfaces, lightly sand or roughen surface before application to maximize adhesion.
10. When bonding two surfaces together, always clamp until cured, if possible.
11. When using sealant to form weather-stripping or other formed rubber parts, place wax paper over sealant to prevent sticking to mating piece until sealant has cured.
12. Reseal tube with cap for reuse.

### ***For Best Results:***

- Application temperature is between -35°F and 140°F.
- Joint width should not exceed 1/2". If joint depth exceeds 1/2", use backer rod material.
- Not paintable. Paint surfaces before sealing.
- Not recommended for continuous underwater use, below grade use, use on wet surfaces, oily woods, stovepipes or chimneys. Not for fireplace applications, tuck pointing, butt joints, structural glazing or repairing surface defects.
- Not recommended for use on cementitious materials or surfaces that might bleed oils, plasticizers or solvents. Substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene and polytetrafluoroethylene do not allow for best adhesion and compatibility with sealant. Try test area before using.
- Not recommended for use on brass, copper, magnesium, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.
- Do not use where abrasion and physical abuse are encountered.
- Store in temperatures below 90°F in a dry place.

### **Physical & Chemical Characteristics:**

<b>Polymer:</b>	Silicone Rubber
<b>Working Time:</b>	5-10 Minutes
<b>Tack Free Time:</b>	10-20 Minutes
<b>Dynamic Joint Movement:</b>	±25%
<b>Paintable:</b>	No
<b>Odor:</b>	Vinegar-like
<b>Consistency:</b>	Smooth, Paste
<b>Specific Gravity:</b>	1.01 ±0.01
<b>Solids:</b>	97.0% ±1.0% by weight
<b>Density:</b>	8.4 ± 0.10 lbs./gallon
<b>Temperature Service Range:</b>	-40°F to 400°F (after full cure)
<b>Temperature Application Range:</b>	-35°F to 140°F
<b>Freeze Thaw Stable:</b>	Yes
<b>Shelf Life:</b>	18 months
<b>Coverage:</b>	2.8 Fl. Oz.: 15 ft. at 3/16" bead size
<b>MSDS No:</b>	000 00694 004

**Clean Up:**

Remove excess uncured sealant from surfaces and tools with mineral spirits. Do not use mineral spirits to clean skin. Wash hands with soap and water. Cured sealant must be cut or scraped away.

**Safety:**

See product label and Material Safety Data Sheet (MSDS) for safety information. You can request an MSDS by visiting our website at **dap.com** or by calling **888-DAP-TIPS**.

**Satisfaction Guaranteed:**

If not satisfied with product performance within one year of purchase, return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston Street, Suite 200, Baltimore, MD 21224 for product replacement or sales price refund. DAP will not be liable for incidental or consequential damages.