



# TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

## DAP® WELDWOOD® Contact Cement

### PRODUCT DESCRIPTION

**DAP WELDWOOD Contact Cement** is a multi-purpose neoprene rubber adhesive that forms instant, high-strength bonds on a variety of surfaces. Offers hundreds of uses for the home, office, and workshop. Forms strong bonds on contact to eliminate the need for clamps, temporary fasteners, and long set times.



PACKAGING	COLOR	UPC
3 fl oz	Tan	7079800107

### KEY FEATURES & BENEFITS

- **High strength, permanent bond**
- **Can be used on a variety of surfaces**
- **Strong based adhesive resists curling**

### PERFORMANCE CHARACTERISTICS

- DAP WELDWOOD Contact Cement spreads easily, quickly dries tack-free, and offers a 2-hour open time. When parts are pressed together, bonds form instantly.
- Resists the effects of heat, water, weather, grease, oil.
- Interior/exterior use.

### SUGGESTED USES

Ideal for bonding:

- Plastic laminate for counters and tabletops
- Wood and plastic veneers
- Metal
- Wood
- Leather
- Tile
- Rubber
- Cork
- Foam\*
- Paper and cardboard
- Some plastics and vinyls
- Other porous and nonporous materials

\*Must pre-test foam prior to use.



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## APPLICATION

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

The surfaces to be bonded must be clean, dry and free of all foreign material. Previously applied finishes should be removed and the parts must be pre-fitted before any adhesive is applied. The temperature of the adhesive, the surfaces being bonded, and the working area should be at or above 65°F.

### **Preparation:**

1. Stir Contact Cement thoroughly with a standard paint paddle or stirring stick.
2. Pre-fit all parts before applying Contact Cement.
3. Both surfaces must be clean, dry and free of foreign material. Painted or non-porous surfaces must be roughened before adhesive is applied.
4. The temperature of air, adhesive and surfaces should be above 65°F (18°C) for a minimum of 24 hours before and after application to ensure proper drying and bond strength.

### **Application:**

1. Using a paint brush, short nap roller or finishing trowel, apply an even coat of adhesive to both surfaces. If the dried surface has a glossy appearance sufficient adhesive has been applied. If substrates are porous more than one coat may be required.
2. Allow both surfaces to dry 15-20 minutes (dependent on temperature and humidity). Dry Contact Cement will feel tacky and appear glossy. If surfaces are not assembled within 2-3 hours, applying an additional coat of Contact Cement can reactivate adhesive.
3. Align surfaces into exact position and press together, moving from one end to the other to avoid bubbles. Contact cement bonds permanently with pressure and work cannot be shifted into place after firm contact is made. For large areas, use dowels to prevent surface contact while positioning surfaces. Place dowels every 6 to 12 inches. Remove dowels as surfaces are pressed together.
4. Once surfaces are joined, a minimum of 25 lbs. per square inch of pressure should be evenly applied to surface starting in center and working out to edges. This is equivalent to 75 lbs. of pressure being applied to a 3-inch "J" roller. Apply as much pressure as possible, being careful not to crush the core materials. Insufficient pressure may allow blisters or bubbles to form later. This can be readily achieved if bonded surface is on a solid waist-high workbench.
5. No clamping required. Contact Cement bonds permanently when sufficient pressure is applied and reaches maximum holding strength in 7 days.
6. Trimming or finishing operations may be performed immediately after bonding. Allow at least 72 hours of curing before exposing bonded assemblies to direct sunlight or temperatures over 150 °F (66°C).

### **NOTE:**

- This contact cement should not be used for structural applications, or for bonding copper, copper alloys, metal alloys, or polystyrene foams. Not recommended for heavy gauge metal. For other foams, a test application is recommended. The solvents in this cement may stain or damage painted surfaces, vinyls, and some plastics. Test a small area first before actual use.



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Adhesive Base:	Synthetic Rubber & Resin
Volatile:	Acetone, Lacolene, Toluene
Weight/Gal.	7.2 lbs/gal
Color:	Tan
Flash Point:	-42°C (-43.6°F)
Open time:	Up to 2 Hours
Application Temperature:	65°F to 120°F
Service Temperature Range:	-40°F to 150°F
Coverage:	Approximately 110 sq. in. per oz.
Shelf Life:	12 months
Odor	Solvent
Freeze Thaw stability:	Stable
VOC, less water and exempt solvents:	646.5g/L, 53.8%

## CLEAN UP & STORAGE

Clean excess wet adhesive from surfaces and tools with mineral spirits. Dried adhesive must be cut or scraped away. Clean hands with warm water and soap. DO NOT use solvents to remove product from skin. Store container in cool, dry place away from extreme heat or cold.

## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request an SDS sheet by calling 888-DAP-TIPS or by visiting our website at [dap.com](http://dap.com).

## WARRANTY

**LIMITED WARRANTY:** If product fails when used as directed within one year of purchase, DAP will provide replacement product or refund sales price: call 888-DAP-TIPS with your sales receipt and product container available, to arrange for warranty fulfillment. DAP is not liable for incidental or consequential damages.



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## COMPANY IDENTIFICATION

**Manufacturer:** DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

**Usage Information:** Call **888-DAP-TIPS** or visit [dap.com](http://dap.com) & click on "Ask the Expert"

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

**Also, visit the DAP website at [dap.com](http://dap.com)**