



TECHNICAL DATA SHEET

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

DAP® WELDWOOD® 0308 Premium HHR Solvent Type Brush Contact Cement

PRODUCT DESCRIPTION

DAP WELDWOOD 0308 Premium HHR Solvent Type Brush Contact Cement is a specially developed, rapid drying contact adhesive possessing high strength, high heat resistance and excellent aging, weathering and water resistance.



PACKAGING	COLOR	UPC
5 Gallon	Natural	7079800094

KEY FEATURES & BENEFITS

- Dries rapidly
- Provides a high strength bond

PERFORMANCE CHARACTERISTICS

- Post formable
- Resists water and many household chemicals
- Up to 2 hours open time
- Over dried adhesive may be reactivated by applying another thin coat of adhesive
- Use as supplied, no thinning required
- Only one coat required (for most applications, depending on porosity)



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SUGGESTED USES

For industrial or professional use only. WELDWOOD 0308 is designed for low pressure bonding of decorative laminates, plywood, particleboard, ferrous and non-ferrous metals and other core materials. 0308 is especially formulated for use where climatic conditions or ambient temperatures present bonding difficulties and when installations are subject to heat from the sun, radiators, heaters or other sources. 0308 is recommended for general purpose industrial laminating.

APPLICATION

Surface Preparation:

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.

Application:

- Stir/mix adhesive thoroughly. Using a brush, short nap roller or notched spreader, apply one uniform coat of adhesive to each surface to be bonded, working the adhesive in one direction only. Two coats may be required on porous substrates.
- Drying is absolutely necessary, as the strength of the adhesive develops only after the solvent has evaporated. At a temperature of 75°F (24°C) and a relative humidity of 50%, an average spread of WELDWOOD® 0308 Contact Adhesive will be sufficiently dry for bonding in 10 to 15 minutes. Heavy spreads, higher humidity and lower temperatures will all lengthen the time required for adequate drying. Test for dryness by lightly pressing a small piece of clean kraft paper against the adhesive. If no adhesive transfers to the paper, it is dry enough for bonding. An adequate amount of adhesive properly dried will have a uniform glossy appearance. Dull spots on the dry surface indicate an insufficient amount of adhesive. Absorption may have been excessive, or the adhesive may have been applied too thin. When dull spots are present, the surface should be recoated.
- The parts should be assembled within two hours after spreading for most satisfactory results. Since no adjustment is possible after contact is made, positioning of parts must be done carefully. Large, awkward to handle parts may be supported on clean rods or dowels while checking for proper alignment of the edges. These supports can be removed after making contact along one edge or end without affecting the adhesive.
- After large sheets of semi-flexible materials such as high-pressure laminates have been contacted along one edge or one end, they should be “rolled” into position over the remainder of their area. Apply pressure with a pinch roller or rotary press. If not available, a 3-inch rubber hand roller may be used (working from center to edge). Apply as much pressure as possible, rolling in two directions at 90° angles to each other being careful not to crush core materials.

Note:

- When necessary to delay assembly for longer than two hours, excellent bonds may be completed by recoating the surfaces with WELDWOOD 0308 and allowing proper drying time before assembly.
- Trimming and other finishing operations can take place immediately after bonding.
- The solvents used in Weldwood Contact Cement and those recommended for cleanup will soften some finishing materials and plastics. It is recommended that bonded articles be kept away from plastics or finished surfaces until the solvents have evaporated and their odor has dissipated. On



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direct application to some plastics, this cement may cause softening and/or discoloration. Test before use.

- Use of this cement in bonding metal is not recommended where the glue line will be subjected to continual heavy loads. Contact Cement should not be used for bonding to copper, brass, or other copper alloys, even under no-load conditions.
- Avoid continual exposure of the glue line to temperatures in excess of 140°F (60°C).
- May gel if stored at low temperatures but returns to normal viscosity at 70°F (21°C), mixing or stirring may be required to restore product to original consistency.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Adhesive Base:	Polychloroprene Synthetic Rubber
Non Volatiles:	22%
Flash Point:	<20°F
Viscosity:	1100 cps
Weight/Gal	6.8lbs
Coverage:	Approximately 309 sq. ft/gallon (single surface @ 2.5 dry grams/sq. ft)
Appearance:	Natural
Shelf Life:	12 months

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.

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 & click on "Ask the Expert"

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com