



# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224  
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## DAP® WELDWOOD® 0308 High Heat Resistant Contact Cement

- Strength increase with age
- Dries rapidly
- Provides a high strength bond

**Packaging:** 5 Gallon, 55 gallon  
**Color:** Natural (amber)  
**UPC Number:** 00094, 04058

### Company Identification:

Manufacturer: DAP Inc., 2400 Boston St., Baltimore, Maryland 21224  
Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.  
Order Information: 800-327-3339  
Fax Number: 410-534-2650  
Also, visit the DAP website at [www.dap.com](http://www.dap.com).

### Product Description:

WELDWOOD® 0308 High Heat Resistant Contact Cement is a specially developed, rapid drying contact adhesive possessing high strength, high heat resistance and excellent aging, weathering and water resistance. Strength increases with age.

### Suggested Uses:

For industrial or professional use only. WELDWOOD® 0308 is designed for low pressure bonding of decorative laminates, plywood, flakeboard, 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 drywall panels, lavatory tops and general purpose industrial laminating.

### Performance Characteristics:

- Postformable
- Spreads easily
- 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
- Meets the performance requirements of Federal Spec. A-A-1936
- Only one coat required

### Surface Preparation & Application:

## **Surface Preparation:**

The surfaces to be bonded must be clean, dry and free of irregularities. Previously applied finishes should be removed, and the parts must be prefitted before any adhesive is spread. The temperature of the adhesive, the surfaces being bonded, and the working area should be at, or above 65°F for best results.

## **Application:**

- Stir 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 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 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).

## **Physical & Chemical Characteristics:**

|             |  |
|-------------|--|
| Appearance: | Natural  |
| Base:       | Polychloroprene Rubber                               |
| Solids:     | 24%  |
| Viscosity:  | 1100 cps   |
| Wt./Gal.:   | 6.8 lbs.   |
| Shelf Life: | 12 months minimum at 70°F                            |
| Coverage:   | Approximately 309 sq. ft./gal. @ 2.5 dry gm./sq. ft. |

Flash Point: Less than 20°F

MSDS No.: **30512**

**Safety:**

Read the Product Label and the Material Safety Data Sheet for safety information prior to using this product. The MSDS may be obtained by calling 888-DAP-TIPS or online at [www.dap.com](http://www.dap.com).

**Warranty Information:**

DAP Inc. warrants that this product, when used in accordance with label, technical bulletins, and applicable industry standards, will be free from defects in material and manufacture for 12 months from date of purchase. If a product defect is encountered, then DAP's **sole liability** is to either supply new product or refund the purchase price, at DAP's option. **This warranty excludes all other express or implied warranties, including the implied warranties of merchantability and fitness for a particular purpose.** DAP will in no event be liable for any incidental or consequential damages. Any claims shall be deemed waived unless made in writing to us within 30 days from the date it was, or reasonably should have been, discovered.

