



Hybond®

PRODUCT DATA SHEET

CHOICE BRANDS ADHESIVES, 666 REDNA TERRACE #500, CINCINNATI, OH 45215 513-772-1234

Product Number: CF-23AC, CF-23RAC

Description: Canister Contact Adhesive Air Assisted, Spray Grade

Typical Physical Properties

Adhesive:	Non-Flam/Non-Flam (Propellant/Adhesive)	Color:	Clear, Red
Pattern:	Web	VOC:	0 g/l (EPA Method 24)
Dry Time:	2 - 3 Minutes	Coverage Rate:	3.0 Dry Grams/Sq Ft Minimum
Solvents:	Methylene Chloride	Clean Up	Choice 689 or Citrus Cleaner
Open Time:	30 Minutes	Shelf Life:	1 Year In Unopened Container
Flash Point:	None	Class:	Extremely Flammable

Qualifies for LEED®-NC & CI EQ Credit 4.4: laminating adhesives shall contain no urea formaldehyde resins

Properties:

- High Bond Strength
- High temperature air assisted contact cement
- Excellent adhesion to a variety of substrates including, but not limited to laminates, particle board, plywood, hardwood, leather rubber and metal.
- Fast drying
- Excellent room temperature contactability
- High heat resistance
- Portable System

Canister Set Up and Precautions:

Attach and securely tighten a hose, in your length of choice to the matching fitting provided on the gun. Attach the other end of the hose to the matching fitting on the canister. Check the fittings again for tightness. Slowly open the valve on the top of the canister and check for leaks. Half way is recommended at first. When hose is connected, keep canister valve open and hose pressurized at all times. Do not disconnect the hose until ready connect to new canister. Release pressure in hose before disconnecting from canister. For optimum performance, store at 70° F (21°C) during use. Canister must be above 50° F (10° C). Do not use in applications with copper or aluminum components. This adhesive is not recommended for use with plasticized vinyl, flexible plastics, expanded/extruded polystyrene, polyethylene, or polypropylene. Use only in well ventilated areas. Do not use near ignition sources.

Modify existing fluid line fitting to attach to the back of Devilbis or Binks Conventional spray gun. This fitting can be obtained by your spray equipment distribution. Attach atomizing air line with air regulator to your spray gun. Open fluid line at canister and adjust fluid and air pressure at gun to achieve spray fan patterns of 8 to 12 inches.

Typical atomization pressure of 50-65 psi.

	Manual Systems		Automatic Systems	
	Binks	DeVilbiss	Binks	DeVilbiss
Spray Gun	95, 2001,2100	JGA510, MSA510	21,95A	AGX550
Fluid Tip	63B-SS	FX	63C-SS	FX
Fluid Needle	663A, 563A	FX	263A,663A	FX
Air Cap	66SD-3	24	66SD-3	24

NOTICE TO PURCHASER: The information, data and suggestions for use of the materials given here are based on our best experience and knowledge, but we do not guarantee the results to be obtained in customer's processes. The products discussed are sold without any warranty regarding merchantability or fitness for a particular purpose or any other warranty express or implied. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Sellers and manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Since the manufacturer of the described in this data sheet has no means of controlling the final use of the product by the consumer or user, it is the responsibility of the immediate purchaser and any intermediate sellers to inform the user of the purposes for which the product may be fit and suitable, and of the properties of the product, including the precautionary measures which must be taken in order to insure the safety of the user and of other third persons and property.



Hybond[®]

PRODUCT DATA SHEET

CHOICE BRANDS ADHESIVES, 666 REDNA TERRACE #500, CINCINNATI, OH 45215 513-772-1234

Application:

1. Prepare the surface to be bonded. Ensure both surfaces are clean and free of dust, dirt and grease. If necessary, wipe clean with Citrus Cleaner.
2. Hold spray gun at a constant distance of between 6-10 inches (150-250 mm) from the surface, allowing adhesive to cobweb across the surface with minimal overlap for thick laminates. For thin laminates allow for approximately 50% overlap of successive passes to prevent telegraphing.
3. Maintain a constant hand speed during spraying. Apply a consistent and thorough coating without allowing the adhesive to puddle or heavily wet the surface. Maximum bond strength is achieved with substrate coverage between 80-100% with a recommended coat weight minimum of 3.0 dry grams per square foot.
4. Maximum adhesion will be obtained by spraying opposing mating surfaces with an adhesive pattern at 90° angles to each other. (Example: Face one substrate vertically while spraying. Face the other substrate horizontally.) Extra coverage is recommended at substrate edge.
5. Hold spray gun at 90° to substrate surface while spraying. Release trigger at end of each pass to optimize coverage.
6. Apply a minimum of 3.0 dry grams/sq. ft. For best results, apply two coats of adhesive to any porous surface; one base coat and a secondary top coat. This ensures adequate layup particularly on CARB 2 PARTICLEBOARD and other similar surfaces. Allow the second coat to completely dry before assembly. The adhesive should cover 80% of the surface of the substrate. The coated substrate surface should exhibit a uniform glossy sheen when the adhesive is completely dry. Dull areas indicate insufficient coverage. Adhesive should be re-applied to these areas.
7. Make sure to coat all exposed edges and corners with two coats of adhesives. Allow adhesive to dry completely before attempting assembly. (Dry time may vary due to humidity and temperature variations.) Test for dryness using back of hand only – surface should be tacky, but adhesive should not transfer to the skin.
8. Position substrates carefully and apply pressure. Work from the center of the substrate, out to prevent bubbles and wrinkles. Apply adequate pressure (40 PLI) using a nip roller. Proper use of a 3" J-roller will also provide proper pressure.
9. The bonded assembly is immediately able to be trimmed or routed. Full bond strength is achieved after 24-48 hours depending on temperature and humidity.

Storage Conditions: Store between 60 and 90° F for best performance. Do not expose to direct sunlight. Diminished performance may occur below 60° F. If so, warm canister to room temperature. Remove directly from concrete floor in cold temps. Do not freeze.

Attention: Empty container remains hazardous until all flammable vapors, which may explode upon ignition, are gone from residue and container. Observe all labeled hazard precautions. Do not cut, puncture, or weld while hazard exists. Do not reuse empty container. Recycle, or dispose of, according to all federal, state, and local regulations.

Do not use on copper substrates. Do not apply using equipment that is made of or contains parts made of copper or aluminum.

Please refer to the Material Safety Data sheet for further information.