



Product Data Sheet

LOW VOC GENERAL PURPOSE ADHESIVE

Description:

A Cal & OTC compliant canister contact adhesive.

Benefits:

OTC & Cal compliant

Excellent adhesion to a variety of substrates including, but not limited to laminates, particle board, plywood, hardwood, leather rubber and metal.

High solids means extended mileage

Soft spray allows for greater control of pattern and application rates

Mist spray pattern eliminates telegraphing

Portable system

Portable System

Availability:

8, 27, 128 & 252 lb

Coverage Instructions:

Cover a minimum of 2.5-3.0 dry grams/ sq. ft. on both surfaces.

Storage Conditions:

Rotate stock; use oldest first (FIFO)

Store between 60-90 F

Shelf life expires 1 year from manufacture date

Do not store in direct sunlight

Diminished performance may occur below 60F. If so, warm canister to room temperature. Remove from concrete floor in cold temps.

If frozen, return to room temperature. Some agitation may be required

Physical Properties:

Adhesive	Flam / Flam Propellant / Adhesive
Dry Time	2-3 Minutes
Open Time	30-45 minutes
Color	Natural/Red
Solvents	A-70 / DME / CO2
Flash Point	-156 deg F
VOC	37 g/l (EPA Method 24)
Coverage Rate	2.5-3.0 dry grams/sq. ft. minimum
Clean Up	Choice Brands 689 or Citrus Cleaner
Shelf Life	1 Year in unopened container
VHAP	0.0 lbs/lbs of solids
Pattern	Mist

Choice Adhesives

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For Industrial Use Only

IMPORTANT: The information contained herein is correct to the best of our knowledge and tests. The recommendations and suggestions contained herein are made without guarantee or representation as to results. We recommend that adequate tests be made by the purchaser to determine if a product is suitable for the intended purpose and use. Our only obligations shall be to replace or pay for any material proved defective by our laboratory within our published shelf life period. Beyond the purchase price of materials supplied by us, we assume no liability for damages of any kind and the user accepts the product "as is" and without any other warranties expressed or implied. The suitability of these products to an intended use shall be solely up to the user.

Qualifies for LEED®-NC & CIEQ Credit 3.2 and 4.4: laminating adhesives shall contain no added urea formaldehyde resins

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

Application Precautions:

Avoid application equipment containing aluminum or copper.
Please refer to the Safety Data Sheet (SDS) for further information.

Handling:

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. It is recommended that plumbers tape be used on the fittings to assure an air tight seal. 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 to connect to new canister. Release pressure in hose before disconnecting from canister. 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.

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 CBA Citrus Cleaner.
2. Hold spray gun at a constant distance of between 6-10 inches (150-250mm) 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 2.5-3.0 dry grams per square foot.
4. Maximum adhesion will be obtained by spraying opposing mating faces 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 edges.
5. Hold spray gun at 90° angle to substrate surface while spraying. Release trigger at end of each pass to optimize coverage.
6. Apply a minimum of 2.5-3.0 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 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.

Use in conjunction with: Adjustable Spray Gun (part no LJC6106) w/ 6501 Tip and hose