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TECHNICAL DATA SHEET

CONTACT CEMENT
NO DRIP GEL

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Item #	Package	Size
1504628	Metal Tin	946 mL
1504627	Metal Can	3.8 L

DESCRIPTION

LePage® No Drip Gel Contact Cement is a unique no-drip, no-spill contact cement that is clean and easy to use. It spreads smoothly and evenly without stringing. LePage No Drip Gel Contact Cement offers strong bonds, resistant to heat, creep, water and oil. It dries fast and bonds on contact, no clamping is required. Ideal for laminating vertically.

RECOMMENDED FOR:

Laminating flat and close mating surfaces. Bonds plastic laminates, veneers, plywood, particleboard, wallboard, cork, fabric and rubber. Ideal for bonding decorative laminates or wood veneer to cabinets, counter or desk tops and other large flat surfaces where clamping is not possible. Use for jobs around the home such as repairing fabric seat covers, shoes, weather stripping and replacing loose flooring.

LIMITATIONS

- Not compatible with polystyrene and polyurethane foam and metals.
- May damage some hard plastics and painted surfaces. Test small area before using. Solvents during drying may affect adjacent plastic surfaces.
- Not to be used for bonding materials that will be exposed to continual heavy loads.
- Thickened contact adhesive cannot be thinned.

FEATURES & BENEFITS

Feature	Benefits
Gel formula	No dripping, ideal for laminating vertically
Bonds on contact	Eliminates clamping
Increased coverage and strength	Reduces amount of adhesive to complete project
Dries quickly	Quick completion of project

COVERAGE

- 946 mL can: Approximately 2.6 m^2 (28 ft^2) to 3.4 m^2 (36.6 ft^2) per surface per coat per can
- 3.8 L pail: Approximately 10.6 m^2 (114 ft^2) to 13.7 m^2 (147.5 ft^2) per surface per coat per can

*Note: Coverage values are dependent on porosity and roughness of surface and thickness of adhesive application

DIRECTIONS

Tools Typically Required:
Brush or short nap roller, J-roller or 3-inch wide rubber roller.

Safety Precautions:
Apply and let cure in a well-ventilated area. Wear gloves and wash hands after use. Read all label warnings and safety precautions below.

Preparation:
The temperature of the adhesive, the surfaces being bonded and the working area should be at or above 15°C (60°F). Surfaces must be clean, dry, free of paint or other coatings, grease, dust and other contaminants and irregularities. Pre-fit all materials, as bonding will be immediate upon contact. To improve adhesion to very smooth or glossy surfaces, roughen by sanding lightly. Do not stir gel contact cement, as this will break the gel. If the contact cement appears too thick due to solvent evaporation, use LePage Contact Cement Thinner to restore consistency. Thinning gel contact cement will break the gel because it will require stirring. The contact cement will still be usable but it will be in a liquid form not a gel.

Application:
Apply an even, generous coat to both surfaces using a brush short nap roller or notched spreader. Coverage will vary with porosity, roughness of the surface and thickness of application. Very porous surfaces, such as particleboard and plywood, require two coats. Between coats and before joining the substrates, allow 10 to 60 minutes drying. Heavy adhesive application, high humidity or low temperatures will lengthen the time for adequate drying. Typically the adhesive will dry in 10-15 minutes at 23°C and 50% relative humidity. Test for dryness by pressing a small piece of clean Kraft paper on the adhesive. The adhesive is dry enough to bond if no adhesive transfers to the paper. If the surfaces are left to dry beyond one hour, applying another thin coat will reactivate the adhesive. Again the adhesive must be allowed to dry before bonding. Dry contact cement should have a uniform glossy appearance when adequately coated. Any dull spots indicate a second coat of adhesive is necessary. Dull spots occur because too little adhesive was applied or because of excessive absorption into the surfaces. When applying edge banding to particle board and plywood end cuts a minimum of two coats to the edges will be required.

Position materials carefully since bonding is immediate and parts cannot be repositioned once contact has been made. Dowels or clean rods placed between the substrates can be used to aid in positioning when bonding large surfaces. These are then removed before making contact. Apply pressure, working the entire area from the centre to the edges using a J-roller or 3-inch wide rubber hand roller. Roll in two directions at 90° to each other paying special attention to the edges. Apply as much pressure as possible without damaging the materials. A pinch roller or rotary press may also be used. Bonded assembly may be trimmed, cut or machined immediately after bonding.

It is possible to bond polystyrene and polyurethane foam to metal by applying LePage® No Drip Gel Contact Cement to the metal surface and LePage® Low Odour Contact Cement to the polystyrene or polyurethane foam. Observe the recommended drying times for each adhesive, join and press together.

Bonding failures:
Delamination and bubbling can result because of:

1) Insufficient adhesive,
2) Insufficient or excessive drying time before bonding. If insufficient time is allowed, solvents become trapped and will lead to bubbling.
3) Inadequate pressure applied when bonding,
4) Inadequate contact because of irregularities in the surfaces being bonded which prevent the adhesive layers contacting each other when applying pressure,
5) Excessive humidity which can result in moisture formation at the glue line as solvent evaporates.
6) Cold temperatures during application, which reduce the contactability of the adhesive.

In some cases delamination or bubbling of the laminate can be corrected by reactivating the adhesive using a hot iron over a towel to protect the surfaces and then immediately reapplying pressure. It may be necessary to pierce the bubble with a very fine hole or knife cut to allow any vapours to escape.

Clean-up
Clean tools and adhesive residue immediately with Acetone or d-limonene based glue remover. Cured contact cement may be carefully cut away with a sharp-edged tool.

STORAGE AND DISPOSAL

Not damaged by freezing. Adhesive may thicken if frozen but will return to normal viscosity at 21 to 25°C. Close lid tightly to prevent drying and contamination. Do not dispose of down drains. Store away from heat, flame and spark in a cool, well-ventilated area. Use an approved hazardous waste facility for disposal.

LABEL PRECAUTIONS

FUMES MAY BE HARMFUL AND MAY CATCH FIRE. MAY IRRITATE EYES AND SKIN. Do not breathe fumes. Do not smoke. Use only in a well ventilated area. Keep away and any object that sparks, such as an electric motor. **KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT:** Contains Methyl Ethyl Ketone (MEK), Heptane, and Naphtha. If swallowed, call Poison Control Centre or doctor immediately. If breathed in, move person into fresh air.

Refer to the Material Safety Data Sheet (MSDS) for further information

DISCLAIMER

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

TECHNICAL DATA

Typical Uncured Physical Properties

Colour:	Yellow-tan
Appearance:	Thick liquid
Base:	Polychloroprene synthetic rubber
Solvent:	MEK, Heptane and Naphtha
Flashpoint:	-9°C (15.8°F)
VOC Content:	75.3% by weight (636.1 g/L)
Shelf Life:	24 months from date of manufacture (Unopened)
Lot Code Explanation: (Lot code stamped on lid of can)	YYDDD YY = Last two digits of year of manufacture DDD = Day of manufacture based on 365 days in a year For example: 13061 = 61st day of 2013 = March 2, 2013

Typical Application Properties

Application Temperature:	Apply above 15°C (60°F)
Open time:	10 to 60 minutes @ 25°C (78°F)
Odour:	Solvent (use in a well-ventilated area)

Typical Cured Performance Properties

Colour:	Yellow-tan	Service Temperature:	Up to 60°C (140°F)
Water Resistance:	Yes	Chemical Resistance:	Oil and grease