



# TECHNICAL DATA SHEET



## PL<sup>®</sup> 9000

### Heavy Duty Construction Adhesive

**Description:** LePage PL 9000 is a versatile premium grade solvent-based adhesive for more demanding construction jobs. Provides a professional strength bond with extremely high initial grab. It is tough, long lasting and moisture resistant. Saves time and labour by minimizing nailing. Bridges irregularities on uneven surfaces. Recommended for projects where support is difficult. For indoor and outdoor use.

**Available As:**

Item #	Size	Package
1421925	295 ml	Paper Cartridge

**Features & Benefits:**

- Water Resistant
- Interior/Exterior
- High Grab Minimizes Nailing Requirements
- Gap Filling

**Recommended For:**

PL 9000 bonds to a large variety of building materials including wood, concrete, brick, drywall, metal, fiberglass panel, wallboard, most hard plastics, foam board, polystyrene, mirror tile and cork. Use for installing metal and wood studs or strapping to concrete, wood furring strips to concrete floors for carpet installation, mounting paneling, and vinyl cove base.

**For Best Results:**

- Do not use for continuously wet areas or water immersion
- Do not use on polyethylene or polypropylene

**Coverage:**

For a 295 ml cartridge:

- A 6 mm (1/4") bead extrudes approximately 9.3 m (31 ft)
- A 9.5 mm (3/8") bead extrudes approximately 4.1 m (13.6 ft)



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## Typical Uncured Physical Properties:

Color:	Beige	
Appearance:	Thick paste	
Base:	Synthetic Rubber	
Odor:	Solvent (Use in well-ventilated area)	
% Solids:	60.4% by weight	
Specific Gravity:	0.92 – 0.98	
Flash Point:	-14°C (6.8°F)	
VOC Content:	39% by weight 370 g/l	CARB SCAQMD rule 1168
Shelf Life:	18 months from date of manufacture (unopened)	
Lot Code Explanation:	<b>YYDDD</b>	
Stamped on bottom plunger of cartridge	<b>YY</b> = Last two digits of year of manufacture <b>DDD</b> = Day of manufacture based on 365 days in a year For example: 14061 = 61 <sup>st</sup> day of 2014 = March 2, 2014	

## Typical Application Properties:

Application Temperature:	Apply between 10°C (50°F) and 38°C (100°F)
Open Time:	15 minutes* @ 25°C (78°F) and 50% R.H.
Cure Time:	24 to 72 hours* @ 25°C (78°F) and 50% R.H.

\*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used

## Typical Cured Performance Properties:

Color:	Beige
Cured Form:	Non-flammable, rubbery solid
Service Temperature:	-40°C (-40°F) to 60°C (140°F)
Water Resistant:	Yes
Paintable:	Yes
Sandable:	No

## Directions:

### **Tools Typically Required:**

Utility knife, caulking gun, long and thin tool to puncture cartridge seal, hammer, nails or screws.

### **Safety Precautions:**

Well-ventilated area, gloves.

### **Preparation:**

Use above 10°C (50°F). Surfaces must be clean, dry and free of frost, grease, dust and other contaminants. To obtain maximum adhesion, sand or roughen painted or smooth surfaces. Pre-fit all materials and protect finished surfaces. Cut nozzle to desired bead size and puncture inner seal.

### **Application:**

Apply a continuous bead to all contacting studs or beams or to back of sheets using a perimeter bead 5 cm (2") in from the edge and an "X" bead extending from corner to corner. Within 5 to 10 minutes of adhesive application, position the materials and press the panels firmly into place. To increase the initial tack, pull the materials apart allowing the solvent to vent from the adhesive for up to 3 to 5 minutes then reapply the materials firmly. This technique will increase the initial "grab and hold" and speed bond strength development. Heavier materials, like drywall and thick plywood, will require spot nails and bracing support for 24 hours or until dry. Wait 48 hours before covering project with other materials.

### **Clean-up:**

Clean tools and adhesive residue immediately with mineral spirits. Cured adhesive may be carefully cut away with a sharp-edged tool.

## Storage & Disposal:

Not damaged by freezing. After completion of work, seal cartridge nozzle tightly with aluminum foil. Wrap the foil tightly around the nozzle and seal it with tape. Applying petroleum jelly around the opening before sealing with aluminum foil can create a more airtight seal. Product cures with exposure to moisture. Use an approved hazardous waste facility for disposal.



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**Label Precautions:**

**DANGER. FLAMMABLE. CONTENTS MAY BE HARMFUL. CONTENTS MAY CATCH FIRE.** Do not get in eyes or on skin or clothing. Do not smoke. Do not breathe fumes. Do not swallow. Use only in a well ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electric motor. Wear chemical resistant gloves. **KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT:** Contains acetone and methyl acetate. If swallowed, call Poison Control Centre or doctor immediately. If in eyes or on skin, rinse well with water. If breathed in, move person into fresh air.

**Refer to 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.



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Revision Date: 03/18/2015 Supercedes: 08/26/2013 Ref. #: 957765