



# TECHNICAL DATA SHEET



## PL<sup>®</sup> 700<sup>™</sup>

### Tub Surround Adhesive

**Description:** LePage PL 700 Tub Surround Adhesive has been specifically designed to bond most bathroom and shower enclosures. It is unaffected by moisture, steam, water, heat or cold when fully cured. PL 700 will not harm tub kit materials if used as directed.

**Available As:**

Item #	Size	Package
1421920	295 ml	Paper Cartridge
1442490 (3 x PL 700 + 1 UltraSeal Kitchen & Bath)	4 x 295 ml	Cartridges: 3 x Paper 1 x Plastic

**Features & Benefits:**

- High Grab Facilitates Easy Installation of Tub Surround Panels
- 10 Minute Repositioning Time Allows for Correction of Misaligned Panels
- Gap-Filling Capabilities
- Will Not Etch or Burn Through Materials if Used as Directed

**Recommended For:**

LePage PL 700 bonds most plastic (polystyrene, acrylic, ABS), and fiberglass bathroom and shower enclosures to waterproof drywall, cement board, wood, Barker Board/Tile<sup>™</sup> and ceramic tile.

**For Best Results:**

- Adhesive not suitable for trowel application
- Do not use adhesive on tub surrounds of 50 thousandths of an inch thickness or less
- Not recommended for use on unsanded ceramic tile or Barker Tile<sup>™</sup>
- Not to be used for gluing plastic bathroom accessories, such as shelves and soap dishes, to tub surrounds or tile
- Adhesive should only be applied to flat sections of surround. Do not apply adhesive to curved or bent areas
- Do not use adhesive to bond overlapped sections of tub / shower surround

**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)



# TECHNICAL DATA SHEET

## Typical Uncured Physical Properties:

Color:	Tan	
Appearance:	Thick paste	
Base:	Synthetic Rubber	
Solvent:	Heptane	
Odor:	Solvent (Use in a well-ventilated area)	
Specific Gravity:	1.1	
Flash Point:	-13.3°C (8°F)	
% Solids Content:	71.3%	
VOC Content:	29% by weight	CARB
	319 g/l	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 Example: 14061 = 61 <sup>st</sup> day of 2014 = March 2, 2014	

## Typical Application Properties:

Application Temperature:	15°C (59°F) to 32°C (90°F)	
Open Time:	10 minutes*	@ 25°C (78°F)
Flashing/Venting Time:	2 to 5 minutes	
Cure Time:	24 to 48 hours*	
	*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used	

## Typical Cured Performance Properties:

Color:	Tan
Cured Form:	Non-flammable, rubbery solid
Service Temperature:	-40°C (-40°F) to 60°C (140°F)
Water Resistant:	Yes
Paintable:	Yes
Sandable:	No
Shear Strength:	
Plywood to polystyrene:	0.862 N/mm <sup>2</sup> (125 psi)
Barker Board™ to polystyrene:	0.855 N/mm <sup>2</sup> (124 psi)
Peel Strength:	
On High Impact Polystyrene:	2.15 N/mm (12.3 lb/in)



# TECHNICAL DATA SHEET

## Directions:

**Tools Typically Required:** Utility knife, caulking gun, tool to puncture cartridge seal, masking tape, tape measure, level, square, pencil, drill, hole saw bit and coarse sandpaper.

**Safety Precautions:** Well-ventilated area, gloves.

**Preparation:** Use above 15°C (59°F). Walls must be dry and free of dirt, waxes and soap or other residues. Remove all paint, wallpaper, or any loose materials. If the tub wall is being installed over existing tiles and over 30% of the tiles are removed during wall preparation, it is recommended that the remaining tiles and drywall also be removed. Unpainted waterproof drywall is the best backing for tub and shower units. Existing ceramic tile or Barker board should be lightly sanded. Make sure that corners are 90° from top to bottom. Pre-fit all materials. Use the cardboard box that the tub kit came in for your template. Measure the spout and faucet placement onto the cardboard template and make the cutouts. Position the cardboard in place on the wall and check for the correct cutout placement. Transfer the markings on the tub panel. Make all the cuts in the tub panel using a hole saw bit in an electric drill. Drill a small starter hole. Make all the cuts from the face or front panel surface to the rear or backing surface. This will prevent chipping. Set each tub panel in place in the order suggested by the manufacturer. Limit stressing the tub unit into place as this will weaken the material. Use masking tape to temporarily support the tub panels in place. Make sure the tops of all panels are levelled and all the pieces are aligned. Take a pencil to outline the tub panels in their position for gluing. Place the PL® 700 in a caulking gun and cut the nozzle at a 45° to desired bead size and puncture inner seal.

**Application:** Do not apply the adhesive where the panel will not be in contact with the wall. For example, the corner curves of one-piece units. One-piece units must be glued to the wall in one continuous installation. Apply the adhesive in a continuous square "S" pattern, 20 cm (8") apart only on the flat sections of the tub panel that will closely mate with the existing wall. Place a bead of adhesive 5 cm (2") from the edge of the panel. On tiled surfaces, place the adhesive on the grout lines. Press the tub panel firmly to the wall within 5 minutes of applying the adhesive. Pull the tub panel away, allowing the solvent to vent from the adhesive for 3 to 5 minutes (5 to 8 minutes for non-porous surfaces such as Barker Board). Replace the tub panel firmly and press over all the adhesive areas. Support the edges with masking tape and after 20 minutes hand press over all the areas of adhesive again. Brace all panels for a minimum of 24 hours if they are not remaining tight to the wall. Connect seams of panels according to tub surround manufacture instructions. Seal the edges with caulking 24 hours after installation or 48 hours for installation over ceramic tiles or Barker Board. When installing plumbing fixtures, do not allow plumber's putty to be used where it may touch the polystyrene tub surround material as it may cause damage.

**Clean-up:** Clean tools immediately with Mineral Spirits. Clean the surface of the tub enclosure immediately with alcohol. Cured adhesive may be carefully cut away with a sharp-edged tool. Baby oil can help in this process.

## Storage & Disposal:

**PL 700:** Not damaged by freezing. Store away from heat, flame and spark in a cool, well-ventilated area. Use an approved hazardous waste facility for disposal.

**LePage PL Tub & Shower Surround Kit:** DAMAGED BY FREEZING. Store in temperatures above 5°C (40°F) and 38°C (100°F). Take unwanted product to an approved household hazardous waste transfer facility. Hardened material may be disposed of with trash.

## Label Precautions:

**DANGER. FLAMMABLE. FUMES MAY CATCH FIRE.** Do not smoke. Use only in a well ventilated area. Keep away from flames, such as a pilot light, and any object that sparks, such as an electrical motor. Avoid breathing vapours and skin contact. Do not swallow. **KEEP OUT OF REACH OF CHILDREN.**

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.



LePage Brand is part of the Henkel family of brands. Founded in 1876, Henkel is a global leader in the consumer and industrial businesses. Henkel operates worldwide with leading brands and technologies in three business areas: Laundry & Home Care, Beauty Care and Adhesive Technologies.

Henkel Canada Corporation - Professional & Consumer Adhesives Headquarters – Mississauga, ON L5N 6C3  
[www.henkeln.com](http://www.henkeln.com)

Revision Date: 07/14/2014 Supercedes: 12/05/2013 Ref. #: 957760