



# TECHNICAL DATA SHEET

Revision: 11/15/2022  
Supersedes: 03/03/2015  
Ref. #: 252842



## LEPAGE® Flexible Plastic Adhesive

### DESCRIPTION

LEPAGE® Plastic Flexible Adhesive is a clear liquid adhesive formulated for repairing and mending flexible plastics such as vinyl seats, cushions, tarps, and outdoor gear. The adhesive is highly flexible to withstand bending and torsion. It dries to a transparent and waterproof bond.

Available as:

Item #	Package	Size
393915	Squeeze Tube	30 ml

### FEATURES & BENEFITS

- Waterproof for interior or exterior applications
- Dries clear for invisible repairs\*
- Easy to use squeeze tube

### RECOMMENDED FOR

Bonds paper, glass, metal, ceramic, leather, wood, fabric, rubber, and some plastics. Ideal for repairing seat covers, beach balls, vinyl inflatable mattresses, vinyl upholstery, raincoats, camping gear and wading pools. It can also be used to repair household items such as, shoes, toys, tools, and weather stripping.

### LIMITATIONS

- Do not use on polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), polyethylene terephthalate (PET), polystyrene foam boards, or polyformaldehyde.
- Do not use on rubberized cotton/ coated rubber products, foam rubber, neoprene, or urethane rubber.
- Do no use on faux leather, or leatherette.
- \*Exposure to UV may cause discoloration.
- Not for applications over 60°C (140°F).

### TECHNICAL DATA

#### Typical Uncured Physical Properties

<u>Colour:</u>	Clear and colourless	<u>Appearance:</u>	Liquid
<u>Base:</u>	Polyurethane	<u>Shelf Life:</u>	24 months from date of manufacture (unopened)
<u>Specific Gravity:</u>	1.10	<u>Lot Code Explanation:</u>	YYDDD (Code imprinted on crimped end of the tube) YY = Last two digits of year of manufacture DD = Day of year based on 365 days per year Example: 22060 = March 1, 2022, is the manufacture date
<u>Flash Point:</u>	-9 to -7°C (15.8 to 19.4°F)		
<u>Viscosity:</u>	2250 – 2750 mPa-s		
<u>VOC Content:</u>	79% CARB		



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### Typical Application Properties

<u>Application Temperature:</u> 5°C to 30°C (41°F to 86°F)	<u>Open Time:</u> 10-30 minutes*
<u>Odor:</u> Ketone (use in a well-ventilated area)	<u>Cure Time:</u> 24 hours*
<u>Clean Up:</u> Clean up uncured residue with acetone. Scrape away cured adhesive using a sharp-edged tool. Follow solvent manufacturer's precautions for using solvents.	

\*Time is dependent upon temperature, humidity, and amount of adhesive applied

### Typical Cured Performance Properties

<u>Colour:</u> Clear and colourless	<u>Water Resistant:</u> Yes
<u>Cured form:</u> Non-flammable, flexible solid	<u>UV Resistant:</u> Will yellow with exposure to UV/sunlight
<u>Peel Strength:</u> For a comparison of peel strengths, see table below (ASTM D1876-93)	

### Comparison of Peel Strength (Newtons / Millimeter)

Type of Plastic	Common Household Items	24 Hours	7 Days
Vinyl (multi-purpose grade)	PVC upholstery, beach ball, stair runner, raincoat	2.28	2.28
Vinyl pool liner (30 mils)	Wading pool	2.45	2.63
Polycarbonate	Signs, graphics, business card, book binder	2.10	2.10
Weather-stripping (SBR rubber)	Weather-stripping	2.98	2.98

## DIRECTIONS

#### **Tools Typically Required:**

Masking tape, cloth, or fiberglass patch (for repairing larger tears and rips).

#### **Safety Precautions:**

Use in a well-ventilated area. Nitrile gloves are recommended. Wash hands after use.

#### **Preparation:**

Protect work area before and during use of the glue. Mask area up to rip/tear for a neat appearance. Surfaces must be clean, dry, and free from oil, grease, wax, and paint. Roughen smooth surfaces for better adhesion. Pre-fit parts to be joined. Pierce the foil seal in the head of the tube using the reverse end of the cap.

#### **Application Guidelines:**

##### Wet bonding Instructions:

Apply evenly to both surfaces and press surfaces together. Hold parts together until set. The assembly can be repositioned while the adhesive is still wet. Wipe excess adhesive away before it sets.

##### For repairing small tears and rips:

Apply to edges of the damaged areas. Press both edges together and secure with masking tape for approximately 2 hours.

##### For repairing large tears and rips:

Place a cloth or fiberglass patch under damaged area for extra strength. Apply product to edges of damaged area. Secure the repair with masking tape for approximately 2 hours.

##### Contact bonding Instructions:

Apply evenly to both surfaces. Let dry for 10 to 30 minutes or until dry to the touch. On porous surfaces, apply a second coat and allow to dry. Assemble parts within 30 minutes.

Wait for full cure of 24 hours before exposure to water.

#### **Clean-up:**

Uncured adhesive can be removed using acetone or nail polish remover (Caution: Acetone may damage some plastics and is extremely flammable; follow manufacturer's instructions). Cured adhesive may be cut away using a sharp blade with caution.



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## STORAGE & DISPOSAL

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

## LABEL PRECAUTIONS

**FUMES MAY CATCH FIRE.** Avoid breathing vapours and skin contact. 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 electric motor. **KEEP OUT OF REACH OF CHILDREN.**

Refer to the Safety Data Sheet (SDS) 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. Henkel recommends purchasers/users should test the products to determine acceptable quality and suitability for the intended use. All adhesive/sealant applications should be tested under simulated or actual end use conditions to ensure the adhesive/sealant meets or exceeds all required project specifications. Since assembly conditions may be critical to adhesive/sealant performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions. 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.

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