



TECHNICAL DATA SHEET

LOCTITE
VINYL, FABRIC & PLASTIC
Flexible Adhesive

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Item #	Package	Size
1360694	Carded Tube	1.0 fl. oz.

DESCRIPTION

Loctite® Vinyl, Fabric & 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. It will not yellow or go brittle with age.

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.

NOT RECOMMENDED FOR:

Polyethylene, polypropylene, polystyrene, polyformaldehyde, rubberized cotton, foam rubber, neoprene, urethane rubber, Mylar™ or polytetrafluoroethylene (PFTE)/Teflon®.

FEATURES & BENEFITS

Feature	Benefits
Waterproof.....	Interior or exterior applications
Dries clear	Invisible repairs; Eliminates unsightly tapes or patches
Remains flexible and will not brittle or yellow with age*.....	Long lasting repairs

DIRECTIONS

Tools Typically Required:

Masking tape, Cloth or fibreglass patch for repairing larger tears and rips.

Safety Precautions:

For interior applications, apply and cure in a well ventilated area. Wear gloves and wash hands after use.

Preparation:

Protect work are. 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 seal in the head of the tube using the reverse end of the cap.

Application:

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 the 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 fibreglass patch under the damaged area for extra strength. Apply product to the edges of the 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 a 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.

STORAGE AND DISPOSAL

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.

LABEL PRECAUTIONS

DANGER! Contains methyl ethyl ketone. May affect the brain or nervous system causing dizziness, headache or nausea. Skin sensitizer. Do not use or store near heat, sparks or open flame. Do not smoke when using this product. Use in a well-ventilated area. Keep container closed when not in use. Avoid contact with eyes and prolonged contact with skin. Wash thoroughly after handling. Do not breathe vapors. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. **FIRST AID:** In case of eye contact, flush with water for 15 minutes, call a physician. For skin contact wash with soap and water. If swallowed, do not induce vomiting, call a physician. If overcome by fumes, get fresh air. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! This product contains a chemical known the State of California to cause birth defects or other reproductive harm.

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		Typical Application Properties	
<u>Color:</u>	Clear, colorless	<u>Application Temperature:</u>	41°F to 86°F (5°C to 30°C)
<u>Appearance:</u>	Smooth, lump-free paste	<u>Odor:</u>	Ketone (Use in a well-ventilated area)
<u>Base:</u>	Polyurethane	<u>Set Time:</u>	10 minutes
<u>Specific Gravity:</u>	1.10	<u>Open Time:</u>	30 minutes
<u>% Solids:</u>	20.8 %	<u>Cure Time:</u>	24 hours
<u>Viscosity:</u>	2500 ± 250 cps @ 20 rpm		Note: Cure time is dependent upon temperature, humidity and thickness of product used.
<u>Flash Point:</u>	16°F (-9°C)		
<u>VOC Content:</u>	79.3% by weight		
<u>Shelf Life:</u>	24 months from date of manufacture (Unopened)		
<u>Lot Code Explanation:</u>	YYDDD YY = Last two digits of year of manufacture DDD = Day of manufacture based on 365 days in a year		
(Lot code imprinted onto crimped end of tube)	For example: 13061 = 61 st day of 2013 = March 2, 2013		

Typical Cured Performance Properties

<u>Color:</u>	Clear, colorless
<u>Cured form:</u>	Non-flammable, flexible solid
<u>Service Temperature:</u>	Up to 140°F (60°C)
<u>Water Resistant:</u>	Yes
<u>UV Resistant:</u>	Will turn yellow with long-term UV exposure
<u>Peel Strength:</u>	For a comparison of peel strengths, see table below (ASTM D1876-93)

Comparison of Peel Strength (Pounds / Linear Inch)

Type of Plastic	Common Household Items	24 Hours	7 Days
Vinyl (multi-purpose grade)	PVC upholstery, beach ball, stair runner, raincoat	13	13
Vinyl pool liner (30 mils)	Wading pool	14	15
Polycarbonate	Signs, graphics, business card, book binder	12	12
Weather-stripping (SBR rubber)	Weather-stripping	17	17