



Toll Free: 87 PERMATEX  
(877-376-2839)

10 Columbus Blvd., Hartford,  
Connecticut 06106

6875 Parkland Boulevard, Solon  
Ohio 44139

## Technical Data Sheet

### Permatex® Ultra Vinyl & Leather Repair

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#### PRODUCT DESCRIPTION

Permatex® Ultra Vinyl & Leather Repair repairs cracks and tears in dashboards, upholstery and vinyl tops. The kit contains assorted colored resin compounds, an adhesive curing compound, filler and a heat transfer tool.

#### PRODUCT BENEFITS

- Easy to use
- Matches popular colors and grains
- Does not migrate during cure

#### TYPICAL APPLICATIONS

- Dashboards
- Upholstery
- Infant car seats
- Chairs
- Stools
- Marine Upholstery
- Luggage

#### DIRECTIONS FOR USE

**Always make a practice repair on vinyl sample (in kit) before making an actual repair.**

**Read all 7 steps of instructions before using the repair kit.**

##### 1. PREPARE THE DAMAGED AREA.

Clean the area with a strong household cleaner. Make sure the area is dry before starting the repair work. Trim off frayed or excess threads with a razor blade or knife. If burn damaged, remove charred material with razor or knife.

##### 2. INSERT CLOTH BACKING FABRIC.

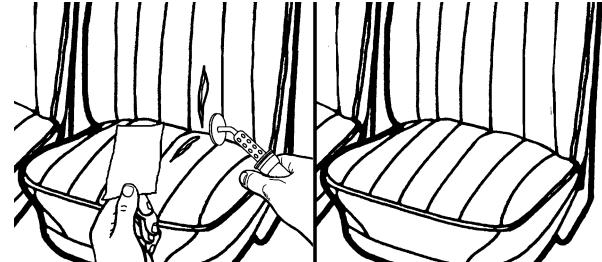
**NOTE:** Very small (less than  $\frac{1}{4}$  inch) cuts, burns or holes do not require cloth backing fabric. Cut the fabric slightly larger than the damage. Use the spatula to insert it into and under the damage to provide support for the repair.

##### 3. SELECT THE GRAIN PAPER.

Enclosed are three (3) grain patterns; fine, coarse and medium. Select the grain pattern paper closest to that of your damaged vinyl. Draw an outline of the damaged area on the top side of the grain paper. This will allow you to position the heat transfer tool accurately.

##### 4. FILL THE DAMAGE.

Use the Clear Vinyl Adhesive and Filler and spatula to fill in damaged area to level surface. Allow 4 hours to dry. The adhesive will shrink slightly when dry, leaving a void which will be filled in with the colored repair compound.



##### 5. MATCHING THE COLOR.

One of the seven (7) color repair containers may be close enough to the color of the damaged vinyl to make the repair. If so, use it directly from the container. If not, while the clear Vinyl Adhesive and Filler is drying, mix and match the color of your vinyl using the color-matching chart on the back of the kit package. Mix the colors in small amounts with the spatula until the correct shade is obtained. Check the color match by rubbing a small amount of the color onto the undamaged vinyl, and then remove it with a rag.

##### 6. APPLYING THE COLOR REPAIR COMPOUND.

Prior to applying the color compound, determine if your repair will be for a "soft" area, like a seat, or for a "hard" area, like an interior door panel. If the repair is for a "hard" area, add approximately 20% of the included hardener material to the color matching compound. Stir this in thoroughly and apply as per the following instructions. If the repair is for a "soft" area, **do not use the included hardener**.

Use the spatula to evenly and neatly apply the repair compound into the damaged area. Spread a thin layer onto the undamaged vinyl and feather the edges to make the surface smooth and even. Correct application of the repair compound is necessary to produce an excellent repair job.

Wipe up any excess from around the hole or damage.

**DO NOT OVERFILL THE DAMAGED AREA.** Filling the surface evenly is very important, and care should be taken to do it properly. Use less repair compound, not more. It is easy to add more later if necessary.

Tape the grain paper over the uncured color compound making sure the outline is directly over the damaged area.

##### 7. HEAT CURING THE REPAIR.

This is the most important step of the repair process. Plug in the heat transfer tool and allow 4 minutes to warm up. This is a constant heat source. **NEVER LET THE HEAT TOOL DIRECTLY TOUCH THE VINYL.**

After the electric tool is heated, place the hot metal tip on the grain paper over the drawn outline of the damage.

NOT FOR PRODUCT SPECIFICATIONS.

THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.  
PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.  
PERMATEX, INC., HARTFORD SQUARE NORTH, 10 COLUMBUS BOULEVARD, HARTFORD, CT 06106 PHONE – (1-87PERMATEX)

Rotate the heated tool on the grain paper outline in a circular motion for 35 - 45 seconds. Care must be taken not to **OVERHEAT** the grain paper. Heat must be applied to each and every section where the grain paper covers the repair compound. (This includes the area surrounding the outlined area) Remove the electric tool but not the grain paper.

**REMOVE THE PAPER ONLY AFTER FULLY COOLED** (1 – 2 minutes). If the area repaired is sticky or tacky after cooling, simply repeat step 7 above.

If there are any defects or pin holes in the repair, simply fill in more colored repair compound and repeat step 7.

**NOTE:** See product package for additional tips for a successful repair.

#### For Cleanup

1. Wipe any excess repair compound off with a dry rag.
2. Clean hands with a dry cloth or Permatex® Fast Orange® hand cleaner.

#### PROPERTIES OF UNCURED MATERIAL

	<b>Typical Value</b>
Chemical Type	Plastisol dispersion

#### TYPICAL CURING PERFORMANCE

Cure is by vinyl resin fusion.

#### PERFORMANCE OF CURED MATERIAL

The cured repair will have physical properties similar in nature to the original vinyl.

#### GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.**

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

#### ORDERING INFORMATION

Part Number	Container Size
81781 (VR-8A)	1 kit

#### STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° and 28°C (46° and 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

#### NOTE

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