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## Technical Data Sheet

### Permatex® Fiberglass Patch Kit

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#### PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Fiberglass Patch Kit is a complete epoxy-based kit for bridging holes and rusted areas in metal, wood and fiberglass. The kit includes one tube of resin, one tube of hardener, fiberglass cloth, spreader and mixing stick.

#### PRODUCT BENEFITS

- Easy to use
- Everything required for repair is included
- Easy to follow instructions
- Fast curing
- Repairs can be made in 30 minutes

#### TYPICAL APPLICATIONS

- Industrial, automotive and marine applications

#### DIRECTIONS FOR USE

Kit contents: 1 tube resin – 1 fl. oz., 1 tube hardener – 1 fl. oz., 1 spreader – 1.75 X 2.0 inch, 1 mixing stick, fiberglass cloth – 12" X 12" (144 in<sup>2</sup>).

The repair resin is designed to harden within 45 – 60 minutes and cures in 12 hours. Read all directions before beginning repair. Repairs can be made ideally at temperatures from 50°F to 75°F. Repairs made at lower temperatures will take longer to cure.

1. Prepare damaged area by removing any oil, grease, tar or dirt, etc. from the repair area. Sand the affected area to at least 1 inch beyond the damage.
2. For cracks that may continue to expand, drill a small hole at each end of the crack
3. Clean the area with alcohol. Cut the fiberglass cloth to fit within the sanded area and tape down with masking tape so cloth does not move.
4. Mix the resin as follows: Pierce the seal in the head of the tubes using the back of the cap. Squeeze out equal amounts of resin and hardener on a disposable surface. Mix with mixing stick until a uniform color is achieved. Mix only what is necessary to complete the repair.
5. Use the plastic spreader to saturate the cloth with the mixture. Spread the mixture evenly over the entire cloth.
6. Remove the tape holding the cloth in position and overlap the edge of the cloth by  $\frac{1}{2}$ ". Spread the remaining mixture over the fiberglass until it is completely saturated. Taper the areas of the repair beyond the fiberglass. Smooth the repaired area using the spreader.
7. Allow the repaired area to cure overnight. Use sandpaper to feather the edges and smooth the patch for painting.

Repair will be complete when the resin cures in 12 hours or overnight and may be primed and painted at that time.

#### For Cleanup

1. Wipe off any uncured resin with a cloth.
2. Uncured resin may be cleaned up with a cloth saturated with alcohol.
3. Cured resin will have to be scraped off or chipped off.
4. Clean hands with alcohol for uncured resin. Cured resin on hands will wear off.
5. Clean hands with Fast Orange® hand cleaners.

#### PHYSICAL PROPERTIES

	Typical Value
Chemical Type	Epoxy Resin
Appearance	Yellowish Viscous Liquid
Odor	Mild/Mercaptan
Specific Gravity	1.08
Flash Point, COC	>200°F

#### 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
80265	1 Complete Kit, carded

#### STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 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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