



Technical Data Sheet

Permatex® Fuel Tank Repair

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Fuel Tank Repair makes quick and permanent repairs to leaks in all types of metal fuel tanks. It repairs cracks up to 4" (10cm) long and holes up to 3/8" (9mm) in diameter. Ideal for cars, light trucks and commercial vehicles.

Note: Permatex® Fuel Tank Repair is not intended for repairing plastic fuel tanks or for use as a structural adhesive.

PRODUCT BENEFITS

- Quick and easy to use
- Everything required for repair is included
- Easy to follow step by step instructions
- Fast curing
- Achieves usable bond in 30 minutes
- Eliminates dangerous welding

TYPICAL APPLICATIONS

- Portable metal fuel tanks
- Metal car fuel tanks

Do NOT use on PLASTIC fuel tanks or containers

DIRECTIONS FOR USE

The repair resin is designed to harden within 8 – 10 minutes and cures in 30 minutes. 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. Remove gas cap to vent tank. Make sure there is adequate ventilation. Drain tank or reduce fluid level at least 2 inches below damaged area.
2. 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. Clean the area with alcohol swab.
3. Break off the appropriate size piece of putty and place over the leak. Cut the fiberglass cloth to fit within the sanded area.
4. The resin must be mixed and applied in less than 8 minutes as the resin will begin to harden. Mix the resin as follows: Burst the seam that separates the two materials by applying pressure to one side. Knead the contents of the pouch back and forth until the mixture is of uniform color (**mix for 2 minutes maximum**).
5. Cut off the top of the pouch and dispense some of the resin mixture onto the damaged area. Spread the resin mixture in a uniform layer with the supplied brush onto the area to be covered by the fiberglass. (Note: The material will become warm to the touch.)
6. Place the fiberglass over the resin covered area. 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 with the brush.

Repair will be complete when the resin cures in 30 minutes. Tank may be refilled after 30 minutes or when the repair is tack free.

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 cleaner provided.

PHYSICAL PROPERTIES

	Typical Value
Chemical Type	Epoxy Resin
Appearance	Black/Clear Viscous Liquid
Odor	Mild/Mercaptan
Specific Gravity	1.15
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
09101	1 Complete Kit

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.