



## Technical Data Sheet

### Permatex® Plastic Tank Repair Kit

#### PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® Plastic Tank Repair Kit makes quick permanent repairs to leaks in all types of plastic tanks (NOT for use on plastic FUEL tanks). It repairs cracks up to 4" (10cm) long and holes up to 3/8" (9mm) in diameter. Ideal for cars, trucks, boats and RV's.

#### 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

- Windshield washer reservoirs
- Radiator overflow tanks
- Coolant reservoirs
- Water tanks
- Waste tanks

#### DIRECTIONS FOR USE

This product is NOT for use on plastic FUEL tanks. 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. 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.
3. For cracks that may continue to expand, drill a small hole at each end of the crack
4. Clean the area with alcohol swab. Cut the fiberglass cloth to fit within the sanded area.
5. 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**).
6. 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.)
7. 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 |
|-------------|----------------|
| 09100       | 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.