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Technical Data Sheet

Permatex® 5 Minute Epoxy

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PRODUCT DESCRIPTION

Permatex® 5 Minute Epoxy is a unique two-part, rapid curing, general-purpose epoxy. It is ideal for complex, multi-piece assemblies and forms a hard, rigid bond or coating in minutes that is resistance to water and solvents.

PRODUCT BENEFITS

- Will not shrink
- Fills gaps
- Impact resistant
- Water resistant

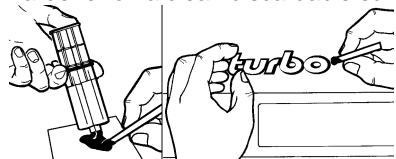
TYPICAL APPLICATIONS

To bond rigid materials including:

- All-purpose
- Metal
- Ceramic
- Pottery
- Wood
- Fabric
- Tile

DIRECTIONS FOR USE

1. Protect work area from accidental spills.
2. Surface must be clean, dry and free of grease & oil.
3. For better adhesion, roughen surfaces with sandpaper or other abrasive.
4. Snap cover off the end of the syringe.
5. Depress plunger evenly to dispense equal amounts of resin and hardener from tubes. Thoroughly mix resin and hardener on a clean discardable surface.



6. Apply to surfaces being repaired. Assemble parts immediately. Allow bond to set for the fixture time before moving. Remove excess epoxy immediately.
NOTE: Epoxy sets in 5 minutes and may be handled in 15 minutes. Cooler temperatures may require longer set time.
7. Wipe any excess epoxy from tip and replace storage cap.

For Cleanup

1. For any cleanup, use isopropyl alcohol before the material is allowed to dry/cure.
2. Clean hands with Permatex® Fast Orange® hand cleaner or soap and water.

PROPERTIES OF UNCURED MATERIAL

Chemical Type
Mix ratio (volume)
Odor
Specific Gravity
Hardness, Shore D
Viscosity (@ 25°C)

Typical Value

Epoxy Resin
1:1
Mild
1.16
75-83 (after full cure)
10,000 – 20,000 mPa

CURING PROPERTIES

Working Time 4 – 6 minutes
Fixture Time 8 – 10 minutes
Final color Clear to slightly yellow
Temperature range -40°F to +176°F (-40°C to 80°C)
Shear Strength 1200 PSI

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as an adhesive for 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
10500	5 min. general purpose epoxy, 6 ml dual syringe, carded

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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