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## Technical Data Sheet

# Permatex® Marine H2 Hold Epoxy

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### PRODUCT DESCRIPTION

Permatex® Marine H2 Hold Epoxy is a unique two-part, flexible, non-corrosive, structural epoxy specially designed for various applications and substrates. It is used ideally for wet bonding of ABS, PVC, flexible PVC, CRS, composites, wood and cement. This formula also sticks and cures underwater with a flexible bond, that bends without breaking.

### PRODUCT BENEFITS

- Will not shrink
- Can be applied to wet and underwater surfaces
- Fills gaps
- Bonds dissimilar surfaces (e.g. plastic to metal)
- Impact resistant
- Water resistant
- Shock and vibration resistant

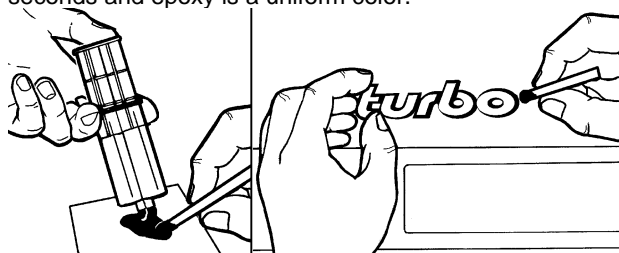
### TYPICAL APPLICATIONS

To bond rigid materials including:

- Chrome
- Fiberglass
- Glass
- Plastics (**Excluding polyethylene and polypropylene**)
- Metal

### DIRECTIONS FOR USE

1. Protect work area from accidental spills.
2. Surface must be clean 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 and keep for storage.
5. Depress plunger evenly to dispense equal amounts of resin and hardener from tubes. Thoroughly mix resin and hardener on a clean discardable surface for 30-60 seconds and epoxy is a uniform color.



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 15 minutes and may be handled in 30 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

	Typical Value
Chemical Type	Epoxy and Amine Resins
Mix ratio (volume)	1 : 1
Appearance	
Resin	White
Hardener	White
Odor	Mild
Specific Gravity	1.10 - 1.17
Flash Point, TCC	>200°F
Viscosity	Viscous Syrup

### CURING PROPERTIES

	Working Time	Fixture Time
84200	5 – 15 minutes	20 – 30 minutes

Final color	Off-white
Temperature range	-60°F to +180°F (-51°C to 82°C)

### 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
84200	Marine epoxy, 0.84 fl. Oz. 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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