



## GENERAL INFORMATION

Half Time® One-Step Filler and Specialty Putty is formulated to fill and glaze in one application, cutting your repair time and sandpaper usage in half. Ideal for all typical repairs, Half Time applies like a premium body filler, sands like a finishing putty and adheres to a variety of substrates, including galvanized metal.



### 1. PART NUMBER

- 21000 Half Time® ½-Gallon can
- 21002 Half Time® 24 fl. oz. soft squeeze tube

### 2. PRODUCT USES

• Use for minor body work and surface imperfections (1/8" thick or less) such as sand scratches, chips, scratches and pinholes. Ideal for use as a finish coat over body filler.



### 3. MIXING

• For best results, bring putty and provided hardener to room temperature (minimum temperature 65°F). Mix product before dispensing. Knead hardener tube before use. Place a 4" diameter puddle of putty on clean mixing surface; we recommend a non-absorbent plastic mixing board (puddles larger than 4" in diameter will require additional hardener) or, measure hardener 2% by weight - 50 to 1 ratio. Add a ribbon of cream hardener from edge to edge across the center of the putty puddle. Mix thoroughly using a folding motion with a plastic spreader until uniform color is achieved. At room temperature (65°F) approximate setting time is 3-5 minutes.



### 4. SURFACE PREPARATION

1. Clean surface. Remove all dirt, oil, grease and wax with a cleaning solvent such as 1240 Wax, Grease & Silicone Remover.
2. Make sure surface is dry before repairing. Use 80 – 180 grit disc to featheredge paint for good mechanical adhesion.



### 5. APPLICATION

1. Using a plastic spreader, apply a thin layer of filler to surface, using firm pressure for maximum adhesion.
2. Sand previous layer before applying additional layers, building up damaged area higher than the surrounding surface to allow for sanding of the putty. Do not apply over fresh or uncured coatings.



### 6. SUBSTRATES

- Steel
- Aluminum
- Fiberglass
- Body Filler
- SMC – can be used for cosmetic repairs. For structural repairs prone to high degrees of stress and flexibility, use an SMC repair product.
- 2K Primers
- Aged, sanded OEM Topcoats
- Galvanized and other Zinc-coated steel
- Wood

### 7. FINISHING

- When material has hardened, in approximately 15 minutes, sand with 100 - 180 grit sandpaper followed by 220 - 400 grit if desired.

### 8. TOPCOATING

- May be topcoated with polyester, 2K urethane or 1K primer. Refer to paint manufacturer's instructions for topcoat application.



### 9. TECHNICAL INFORMATION

Appearance as Packaged	Light Pink	
VOC	Packaged	235 g/l
	Applied	2.0 g/l
Weight Per Full Gallon (Density)	10.0 pounds (Average)	
Viscosity @ 77°F	132,000 cps (Average)	
Maximum Recommended Thickness (Sanded)	1/8"	
Gel Time @ 77°F	3-4 minutes	
Shore "D" Hardness Values @ 24 hours	60-65	
Sanding Time @ 77°F	15-20 minutes	
Maximum Heat	200° F for 30 minutes	
Catalyst Required	Benzoyl Peroxide	
Catalyzation Ratio	2% by weight	
Exotherm Temperature	200°F (Average)	
Tack Free Time	10 - 15 minutes	



### 10. HEALTH & SAFETY

• Read all warnings, first aid, and safety for all components before using. Keep out of reach of children and animals. Protect hands with impervious rubber gloves. Wear face, skin, and eye protection. When sanding, we recommend the use of a respiratory covering device to protect from dust (MSA mask P/N 459029 with MSA cartridge 464029 or equivalent). When using power equipment, refer to power tool manufacturer's recommendations for safety equipment. USC products are for industrial use by trained professionals only.

• Emergency Medical or Spill Control Information:  
In U.S. and Canada call CHEMTREC at 1-800-424-9300