



GENERAL INFORMATION

USC Garage Multi-Purpose Filler is a creamy bodied filler with a smooth texture that is easy-to-spread and sands to a fine featheredge. The tack free, clog free, and non-sag formula is perfect for repairing vertical surfaces.



1. PART NUMBER

- 77701 Multi-Purpose Filler 8 oz. pouch

2. PRODUCT USES

- Use for filling and repair of wood, cement, metal, and automotive bodywork up to 1/4" deep.



3. MIXING

- For best results, bring filler and provided hardener to room temperature (minimum temperature 68°F). Knead product in pouch and hardener tube before use. Place a 4" diameter puddle of filler on a clean mixing surface; we recommend a non-absorbent plastic mixing board. Add a ribbon of cream hardener from edge-to-edge across the center of the filler puddle (puddles larger than 4" will require additional hardener); or measure hardener at 2% by weight of filler – a 50:1 ratio. Mix thoroughly with a plastic spreader, using a folding motion, until uniform color is achieved. At room temperature (75°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 #1240-1 Wax, Grease & Silicone Remover.
2. Make sure surface is dry before repairing.
3. Use 40-80 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 surrounding metal surface to allow for sanding of filler.
3. **IMPORTANT!** DO NOT RETURN UNUSED MIXTURE TO POUCH AS IT WILL HARDEN THE REMAINING CONTENTS. DO NOT APPLY OVER FRESH OR UNCURED COATINGS.



6. SUBSTRATES

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

7. FINISHING

1. When material has cured, in approximately 15 minutes, sand with 80-120 grit sandpaper.
2. Finish sand with 180-240 grit.



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	Off-White	
VOC	Packaged	215 g/l
	Applied	0.8 g/l
Weight Per Full Gallon (Density)	.6 Pounds (Average)	
Viscosity @ 77°F	96,000 cps (Average)	
Maximum Recommended Thickness (Sanded)	1/4"	
Gel Time @ 77°F	3 - 5 Minutes	
Shore "D" Hardness Values @ 24 hours	50 - 60 Minutes	
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