

TECHNICAL DATA SHEET

USC Garage Multi-Purpose Filler

PRODUCT: USC Garage Multi-Purpose Filler
TECHNICAL CALLS: 1-800-321-0672



DESCRIPTION:

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.

PART NUMBERS:

- 77701 Multi-Purpose Filler 8 oz. pouch 6 pouches / case 4.5 lbs / case

PRODUCT USES:

Use for filling and repair of wood, cement, metal, and automotive bodywork up to ¼" deep.

TYPICAL SUBSTRATES:

- Steel • Aluminum • Fiberglass • Body Filler • Wood • 2K Primers
- 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.



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.



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.

APPLICATION:

1. Using a plastic spreader, apply a thin layer of filler to surface, using firm pressure for maximum adhesion.
2. Apply additional layers, if necessary, 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.

FINISHING:

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

TOPCOATING:

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

**TECHNICAL INFORMATION:**

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

ASSOCIATED SDS: Filler: "Multi-Purpose77701"

Hardener: "Cream Hardener"

**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