

TECHNICAL DATA SHEET

USC Garage SMC/Fiberglass Filler

PRODUCT: USC Garage SMC/Fiberglass Filler Pouch

TECHNICAL CALLS: 1-800-321-0672



DESCRIPTION:

USC Garage SMC/Fiberglass Filler Pouch is formulated for use and is compatible with SMC substrates. It has excellent adhesion to SMC, as well as steel and standard fiberglass, and is exceptionally easy-to-apply and sand. It provides the performance needed to repair and refinish products manufactured in the SMC process. SMC/Fiberglass Filler is 100% waterproof.

PART NUMBERS:

- 77702 SMC/Fiberglass Filler 8 oz pouch 6 pouches / case 5 lbs / case

PRODUCT USES:

Repair cracks, tears, dents, and holes in SMC substrates such as trucks, motor homes, jet skis, etc. Can also be used for finishing these substrates. Can also be used for the same type repairs on fiberglass and steel. It has adhesive qualities for bonding SMC panels.

TYPICAL SUBSTRATES:

- SMC • Steel • Aluminum • Fiberglass • Wood • Masonry • Concrete



SURFACE PREPARATION:

For rotted-out steel, dents, cracks, or holes:

1. Securely fasten and anchor panels to be filled to prevent separation and cracking. Sand or grind damaged SMC or surface to be repaired (24 or 36 grit recommended).
2. Neutralize any flux remains if necessary and thoroughly clean surface of any dirt, oil, grease, wax, paint, rust, silicone, or any other contaminants.
3. Dry the entire area completely with a clean, dry, and lint-free cloth.

For broken SMC and fiberglass: Cut out entire damaged area and "V" groove the sides to be repaired.

For large holes: Cut enough fiberglass cloth or screen to cover hole and extend well back into the side.

For small holes, cracks, and dents: Fiberglass backing is not needed.



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 desired amount of filler on a clean mixing surface, we recommend a non-absorbent plastic mixing board. To a golf ball size of filler, add 1½" ribbon of hardener or 2% by weight. Blend hardener and filler completely using a folding action forcing air out.

NOTE: The use of too much or too little hardener may cause pinholes, poor adhesion, soft cure, or poor workability, etc.

APPLICATION:For holes and cracks:

1. Apply only on properly prepared surfaces (see SURFACE PREPARATION). Before filling, the surface must be a minimum temperature of 65° F.
2. Coat one side of fiberglass cloth or screen generously with mixture and place over hole, wet side against repair. Flatten and smooth around edges using spreader to squeegee any air bubbles and to assure adhesion.
3. Gently press the center of cloth/screen to create a slight dip, leaving room for the next coat(s) of mixture. Allow ample time to cure (10-15 minutes).
4. Mix additional filler and apply to repaired area, building up to the original contour.
5. **IMPORTANT!** DO NOT RETURN UNUSED MIXTURE TO POUCH AS IT WILL HARDEN THE REMAINING CONTENTS. DO NOT APPLY OVER FRESH OR UNCURED COATINGS.

FINISHING:

When material has hardened (approximately 15-20 minutes), sand, then featheredge repaired area to desired contour.

TOPCOATING:

Although SMC/Fiberglass Filler has excellent sanding and featheredging properties, we recommend topcoating. Topcoat SMC/Fiberglass Filler with Final Finish Glaze. Sand and featheredge topcoat to desired contour. Allow a minimum of 60 minutes before priming and painting.

**TECHNICAL INFORMATION:**

Appearance as Packaged:
VOC:

Gray-Green
242 g/l
Applied: 2.0 g/l
.84 pounds (Average)
¼"
160,000 cps (Average)
3-5 minutes
75-80
15-20 minutes

Weight Per Pouch (Density):
Maximum Recommended Thickness (Sanded):
Viscosity @ 77° F:
Gel Time @ 77° F:
Shore "D" Hardness Values @ 24 hours:
Sanding Time @ 77° F:

ASSOCIATED SDS: Filler: "SMC/Fiberglass 77702" 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