



GENERAL INFORMATION

Feather-Rite® Quality Lightweight Autobody Filler is USC's best-selling lightweight body repair filler with superb spreadability and workability. The smooth, creamy formula is easy to apply and sand, tack free, clog free and virtually pinhole free.



1. PART NUMBER

- 21330 Feather-Rite - Gallon
- 21335 Feather-Rite - Quart
- 21350 Feather-Rite - 5 Gal (Air) Pail
- 21351 Feather-Rite - 5 Gal (Mech) Pail

2. PRODUCT USES

- Use for filling and repair of bodywork up to ¼", such as dents, dings, scratches, hail damage and small holes.



3. MIXING

- For best results, bring filler and provided hardener to room temperature (minimum temperature 75°F). Stir product before dispensing with a bottom to top motion. Knead hardener tube before use. Place a 4" diameter puddle of filler on a clean mixing surface (we recommend a non-absorbent plastic mixing board) and 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 to 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 CAN AS IT WILL HARDEN THE REMAINING CONTENTS.



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

1. When material has cured, in approximately 15 minutes, sand with a 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)	8.45 pounds (Average)	
Viscosity @ 77°F	94,000 cps (Average)	
Maximum Recommended Thickness (Sanded)	1/4"	
Gel Time @ 77°F	3-5 minutes	
Shore "D" Hardness Values @ 24 hours	50-55	
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

SPECIAL NOTES:

May be intermixed with PRO-GLAZE™, BLAZE GLAZE™, or Icing® or thinned with SUPER CHARGER™.