

TECHNICAL DATA SHEET – Feather-Rite

PRODUCT: Feather-Rite Autobody Filler
TECHNICAL CALLS: 1-800-321-0672



DESCRIPTION:

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.

PART NUMBERS:

• 21330 Feather-Rite Gallon	4 gallons / case	31 lbs / case
• 21333 Feather-Rite 3 Gal (Air) Pail	2 pails / case	48 lbs / case
• 21334 Feather-Rite 3 Gal (Mech) Pail	1 pail / case	25 lbs / case
• 21335 Feather-Rite Quart	6 quarts / case	12 lbs / case
• 21350 Feather-Rite 5 Gal (Air) Pail	1 pail / case	37 lbs / case
• 21351 Feather-Rite 5 Gal (Mech) Pail	1 pail / case	42 lbs / case
• 21360 Feather-Rite 2 Gallon Pail	1 unit / case	16 lbs / case

PRODUCT USES:

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

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 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.

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 CAN AS IT WILL HARDEN THE REMAINING CONTENTS.

FINISHING:

1. When material has cured, in approximately 15 minutes, sand with a 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.

SPECIAL NOTES:

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

**TECHNICAL INFORMATION):**

Appearance as Packaged:
VOC

Weight Per Gallon (Density):

Maximum Recommended Thickness (sanded):

Viscosity @ 77°F

Gel Time @ 77°F:

Shore "D" Hardness Values @ 24 hours:

Sanding Time @ 77°F:

Maximum Heat:

Catalyst Required:

Catalyzation Ratio:

Exotherm Temperature:

Tack Free Time:

Off-White

Packaged: 215 g/l

Applied: 0.8 g/l

8.45 pounds (Average)

1/4"

94,000 cps (Average)

3.0 – 5.0 minutes

50-55

15-20 minutes

200°F for 30 minutes

Benzoyl Peroxide

2% by weight

200°F (Average)

10 – 15 minutes

ASSOCIATED MSDS: Filler: "Feather-Rite - 21330"

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