

TECHNICAL DATA SHEET – METAL PUTTY

PRODUCT: METAL PUTTY Premium Polyester Finishing & Blending Putty
TECHNICAL CALLS: 1-800-321-0672



DESCRIPTION:

METAL PUTTY Premium Polyester Finishing & Blending Putty is effortless to spread and self-levels to a smooth, easy-to-sand surface that is pinhole free – improving your cycle time. The advanced easy-powder formula increases the sanding window. METAL PUTTY provides excellent results for that invisible repair every time whether over body filler, sand scratches, pinholes, aged OEM topcoats, steel, aluminum, galvanized and other zinc-coated metals, fiberglass and a wide variety of other substrates.

PART NUMBERS:

- 26125 METAL PUTTY 30 oz. pumptainer bottle 6 bottles / case 13 lbs / case

PRODUCT USES:

Use for minor body work and surface imperfections (1/8" thick or less) such as sand scratches, chips, scratches and pinholes. Ideal for use as a finish coat over body filler.

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. For flexible plastics use PRO-FLEX™ 26037.



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 80 – 180 grit disc to featheredge paint for good mechanical adhesion.



MIXING:

For best results, bring putty and provided hardener to room temperature (minimum temperature 65°F). Knead hardener tube before use. Place a 4" diameter puddle of putty on clean mixing surface; we recommend a non-absorbent plastic mixing board (puddles larger than 4" in diameter will require additional hardener) or, measure hardener 2% by weight - 50 to 1 ratio. Add a ribbon of cream hardener from edge to edge across the center of the putty puddle. Mix thoroughly using a folding motion with a plastic spreader until uniform color is achieved. At room temperature (65°F) approximate setting time is 3-5 minutes.

APPLICATION:

1. Using a plastic spreader, apply a thin layer of putty to surface, using firm pressure for maximum adhesion.
2. Apply additional layers, building up damaged area higher than the surrounding surface to allow for sanding of the putty. Do not apply over fresh or uncured coatings.

FINISHING:

When material has hardened, in approximately 15 minutes, sand with 100 - 180 grit sandpaper followed by 220 - 400 grit if desired.

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 any USC Body Filler product except All-Metal.

**TECHNICAL INFORMATION:**

Appearance as Packaged:	Aqua
VOC	Packaged: 278 g/l
	Applied: 2.2 g/l
Weight Per Gallon (Density):	7.85 pounds (Average)
Maximum Recommended Thickness (sanded):	1/8"
Viscosity @ 77°F:	10,400 – 15,200 cps
Gel Time @ 77°F:	3.0 – 5.0 minutes
Shore "D" Hardness Values @ 24 hours:	65-75
Sanding Time @ 77° F:	15 minutes
Maximum Heat:	200°F for 30 minutes
Catalyst Required:	Benzoyl Peroxide
Catalyzation Ratio:	2% by weight (50:1 ratio)
Exotherm Temperature:	210°F - 230°F
Tack Free Time:	8 – 10 minutes
Corrosion Resistance:	Excellent

ASSOCIATED MSDS: Putty: "Metal Putty-26035"

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. call CHEMTREC 1-800-424-9300
CANUTEC 1-613-996-6666 (for Canada call collect)