

# TECHNICAL DATA SHEET – ALL-METAL®

PRODUCT: ALL-METAL® Body Filler  
TECHNICAL CALLS: 1-800-321-0672



## DESCRIPTION:

All-Metal® Specialty Body Filler is the world's first aluminum-filled automotive compound. Easy to spread and use, All-Metal repairs metal with metal and has the workability of premium body fillers. Ideal for restoration work and classic car repairs. Excellent adhesion. All-Metal can be drilled or tapped and is waterproof.

## PART NUMBERS:

- |                           |                  |               |
|---------------------------|------------------|---------------|
| • 14010 ALL-METAL® Gallon | 2 gallons / case | 22 lbs / case |
| • 14060 ALL-METAL® Quart  | 6 cans / case    | 18 lbs / case |

## PRODUCT USES:

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

## TYPICAL SUBSTRATES:

- Metal
- 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 liquid hardener/reactor to room temperature (minimum temperature 65°F). Stir product before dispensing. Mix filler and liquid reactor at a ratio of 1% by weight of liquid reactor to filler (or ¼ teaspoon reactor for every 2 fl. oz. of filler). Mix thoroughly using a plastic spreader on a non-absorbent mixing board. Work quickly; approximate setting time is 3 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.

**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:

Metallic Silver  
Packaged: 265 g/l  
Applied: 1.8 g/l  
11.0 pounds (Average)  
1/8"  
60,000 - 80,000 cps (Average)  
2.0 – 3.0 minutes  
70-80  
15-20 minutes

**ASSOCIATED MSDS:** Filler: "All-Metal-14009"

Hardener: "All-Metal Reactor-93510"

**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)