

## GSA AUTOMOTIVE FILLER



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**Description**

A multipurpose, high performance, premium lightweight body filler. The technically advanced, unique formula is easy spreading, reducing sanding time to remove heavy texture.

**Uses**

It is a High Performance Premium Lightweight Body Filler designed for professional use to repair damaged body panels (cars, large vehicles, etc.) where increased productivity, decreased material costs and premium results are desired.

**Package**

Available in 500gm, 1kg & 3.3kg.

**Features & Benefits**

- Easy to mix & apply.
- Sets fast, 15 -30 minutes depending on temperature & conditions.
- Will not slump.
- Light weight.
- Combines good filling, smooth spreading properties and self-levelling formula provides a free surface free of voids, making the filler easy to shape and work.
- Incorporates advanced air release agents that allow entrapped air to migrate to the surface and release after spreading. The technology combined with the vacuum processing insures a pinhole and void free surface when mixed and applied properly.
- Shows the easiest sanding property and will not clog sanding paper, especially with sanding machines.
- It quickly provides superior adhesion to various substrates, including galvanized steel, aluminum, steel and polyester. It insures faster and easier sanding without pulling back the feather- edge and having to reapply filler.



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- It is stain resistant.
- Ideal for interior & exterior use.

## Approved Substrates

Steel, galvanized and other zinc coated steel, SMC, fiberglass and aluminum. For structural repairs prone to high degrees of stress and flexibility, use a fiber glass reinforced body filler.

## Preparation

Clean and degrease the entire panel to be repaired with soap and water, followed by a mild cleaning solvent. Thoroughly dry surface before repairing. Keep the repair area small. For base steel, degrease and abrade with P80 paper. For original paint surfaces (with the exception of thermoplastic acrylics), degrease and Abrade with P180 paper, Feather edge inward toward the repair.

## Mixing

Stir the filler before using. Knead in the cream hardener.

The drying time and pot life of the putty depends considerably on the shop temperature and amount of hardener used. The use of an electronic balance for dispensing is strongly recommended. Normally below 50g of putty is roughly the size of golf ball.

Measure hardener 1-3% by weight (add a ribbon of cream hardener from edge to edge across the centre of a 10 cm diameter puddle). Puddles larger than 10 cm in diameter will require additional hardener. The exact mixing ratio is not critical although over or under cartelisation may affect the gel time. Excess hardener will not significantly speed up the gel time and could lead to bleed through and bleaching problems when over-painting. Mix carefully to avoid forming air bubbles, mix thoroughly until uniform colour is achieved.

Do not mix more than can be used in a short time as it cures quickly and the excess would be wasted.

## Tools

Mixing board, filler knife, plastic or rubber spatula.

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## Application

Apply in thin layers and spread smoothly. Do not apply all at once. For deep filling, apply in several thick layers, allowing each to dry between applications. Scuff each layer for best results.

## Finish

Sand down filler with 80 grit to 120 grit sandpaper, (use 80 grit as an initial cut only when necessary to knock down high spots). Avoid coarse sand scratches outside the filler area during the initial cut. Finish: sand body filler with 120 grit. Sand bare metal and featheredge with 180-240 grit to remove 80 grit scratches.

## Recoating

2-Pack polyester putty can be directly recoated with most automotive undercoats, 2 Pack Etch Primer or 1 Pack primer surface etc.

## Technical Specifications

Air Dry @ 25°C conditions	15 -30 minutes depending on
Viscosity	7 -10cm
Impact Strength	≥15kg/sq cm
Flexibility	≤100mm
Roast test @ 100 ± 6°C, after cured 2 hours	3 circles, no cracking, no bubbling
Adherence force, after cured 24 hours	≥4 Mpa
Corrosion & water resistance. No blistering, wrinkling or softening after 24 hours immersed in water.	
Max recommended thickness (sanded)	8mm

Crystalline Silica content contains no Crystalline Silica

Note: Properties are typical values and should not be considered as sales specifications. Physical testing performed @26°C / 76% RH unless otherwise noted

## Shelf Life

24 months if stored in its original sealed containers at 20°C and a cool dry place. Never return mixed filler to can. Keep can closed and store in a cool dry place out of direct sunlight.

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## Notes

Clean equipment immediately with a strong thinner. The wet-sanding of body filler is recommended, but the area of repair must be fully dried before recoating, e.g. by using infrared or an oven. In colder conditions, curing can be assisted by the warming of panels (infrared or oven) prior to application of body filler.

USE WITH MATCHED CREAM HARDENER ONLY!

## Safety And Handling

Read all directions and warnings prior to using GSA products. Material Safety Data Sheets can be supplied upon request.

Ensure disposal complies with local regulations.

## Disclaimer

CW Brands Pty Ltd believes that the information in this technical data sheet is an accurate description of the typical uses of the product. The data and statements are based on our research and development work and is to the best of our knowledge true and accurate. The user must ensure of the product (s) in their application prior to use in particular to determine its performance, efficiency and safety. The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Products conform solely to the information contained in this and other related CW Brands Pty Ltd publications.

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