

# BÜFA® -Fine Body Filler Spray

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BÜFA®-Fine Body Filler Spray is a fine-grained 2-component filler for application by spraying. It is light grey in colour and is adjusted ready for spraying by adding acetone. BÜFA®-Fine Body Filler Spray is based on a special unsaturated polyester resin dissolved in styrene. It is cobalt neodecanoate pre-accelerated and can therefore be cured with commercially available catalysts based on ketone peroxide.

## Profile

<b>Product type</b>	Bonding Paste
<b>Product family</b>	SPEZIAL
<b>Pre-accelerated product</b>	Yes
<b>Colour</b>	grey
<b>Machine dosable</b>	Polycon spray gun
<b>Recommendations for use</b>	Repair

## Application Range

BÜFA®-Fine Body Filler Spray is used as a filler mainly in model making, where it is used to level filled surfaces or to fill other surface structures. It is primarily characterised by good sanding and polishing properties as well as fast curing and excellent adhesion to most surfaces.

## Specification / Technical Data

<b>Density approx.</b>	2.5 g/mL
<b>Flashpoint approx.</b>	32°C
<b>Styrene content approx.</b>	19.8 %
<b>Viscosity (BM V01) Viscosity at 20°C with spindle 6 and 5 rpm</b>	18,000 - 28,000 mPas
<b>Viscosity (BM V01) 18000</b>	35,000 - 45,000 mPas

The BÜFA testing standards define the testing scenario after the values are determined in our facilities. They relate to generally accepted standards and are available under request.

## Curing

<b>Reactivity</b>	BM R01
<b>Sample size</b>	100g sample
<b>Peroxide addition</b>	2.0 vol% Butanox M-50
<b>Geltime (Reactivity 20-30°C)</b>	6 - 12 min
<b>Curing time (Reactivity 20°C-Tmax)</b>	12 - 20 min
<b>T-Max (Reactivity Tmax at 20°C)</b>	120 - 160 °C

ATTENTION! The above information refers exclusively to the use of the peroxides mentioned here in the indicated dosage. If other products are used or if the dosage differs, the results may vary.

BÜFA®-Fine Body Filler Spray enables curing with commercially available catalysts based on benzoyl peroxide or methyl ethyl ketone peroxide.

In order to achieve the maximum mechanical properties, the product must be tempered.

## Processing

BÜFA®-Fine Body Filler Spray can only be processed by hand due to the nature of the product.

The surfaces to be filled / fused must be free from dust, oil, grease and any other residues, which may negatively affect adhesion.

After adding the curing agent and stirring thoroughly, the mixture should be transferred to a second container. This ensures the homogenous mixture of the peroxide.

The recommended bonding paste layer thicknesses should be taken into account in order to be able to ensure good curing at low layer thicknesses on the one hand and also to ensure that the maximum temperature is not too high if the layers are too thick. Layer thicknesses which deviate from this recommendation should each be checked separately.

At a processing temperature of 20 °C, the filler is grindable after about 60 minutes. Since BÜFA®-Fine Body Filler Spray has a relatively high HDT (>60 °C), the grinding process should also be started without delay if possible. A too advanced hardening would make grinding very difficult.

BÜFA®-Fine Body Filler Spray is made sprayable by adding 8 - 10 % acetone (chem. pure) before application and can then be applied using a flow cup gun (nozzle: ø 1.5 - 2.0 mm; air pressure: approx. 3 - 3.5 bar) or a Polycon spray gun (nozzle no. 4 or 5; air pressure approx. 3.5 bar). In both cases, it is essential to ensure that the compressed air is dried and oil-free!

## Other information

As a result of the wide range of factors which may influence the operating conditions and the application of the product, the user must still carry out their own tests and trials.

Acetone or the BÜFA®-GRP Multi Cleaner can be used for degreasing, cleaning the tools and removing uncured filler residues.

## Storage and handling

The inspection and assurance of the product quality (goods which meet the specifications) take place within the framework of quality control immediately after the product has been manufactured.

The product must be kept closed, cool, dry and protected from sunlight.

In unopened and undamaged original containers, at storage temperatures of up to 20 °C the product can be used for at least 3 months.

The setting and curing times as well as the viscosities may vary with longer storage periods.

Settling of the fillers can be observed with increasing storage time. Homogenization of the container before use is therefore essential.

The above details have been compiled to the best of our knowledge and are based on our current knowledge and experience. These details only constitute product descriptions. Under no circumstances do they constitute guarantees relating to quality or durability. The processor is obliged to carry out their own tests and investigations in order to take responsibility for any processing and application of our products in the processor's application area. The latest version of the corresponding EU safety data sheet must also be observed.