

## **TDS TECHNICAL DATA SHEET**

PRODUCT: LIGHT WEIGHT BODY FILLER

PRODUCT CODE: PP 270

**DESCRIPTION:** It is a polyester-based super soft filler which is two-component,

highly filled, very easy to apply, nonstaining and that allows very easy sanding. It can be used all metal and wooden surfaces on different industrial areas on succesfully (Auto, construction, marine, transport etc). Because of the density, it is a light

weighting product.

**PRODUCT USAGE:** Ready to use after mixing with %2-3 ratio BPO hardener at 25°C(77 °F), should be

used in 5-6 minutes and becomes ready to sand in 30-45 minutes.

APPROVED SUBSTRATES:

✓ Auto Cowling

√ Wood Surfaces

✓ DKP Surfaces

✓ Galvanized Steel

√ FRP / GRP / CTP

✓ Aluminium Surfaces

✓ All Kind of Bare Metal

✓ Old Cured Painted Surfaces

√ Steel Surfaces

**NOTE:** Do not apply to TPA finishes and 1K wash primers.

#### PREPARATION:



First to starting any sanding work, thoroughly degrease with Surface Cleaning Thinner;

Steel Surfaces; Remove all traces of rust and abrade thoroughly until a clean surface is achieved, sand with P120-P180 grit sandpaper.

DKP Surfaces; Degrease and abrade with P80-P150 grit sandpaper.

Galvanized Steel; Degrease and abrade with P150-P220 grit sandpaper.

Aluminium Surface; Degrease and abrade with P180-P240 grit sandpaper or fine matting hand / machines pad.

Old Cured Painted Surfaces; Sand to old cured painted surface with P120-P180 and feather edge with P180-P220 grit sandpaper (depending on surfaces).

Polyester (Composite) Surfaces; Clean with warm water, degrease and abrade with P150-P220 grit sandpaper.

Remove dust with compressed air after sanding, then degrease again before application of primer.

### MIXING:



100 parts by weight of LIGHT WEIGHT BODY FILLER

2-3 parts of weight of BODY FILLER Hardener (BPO)

Mix well Body Filler and Hardener before use

Do not use hardener more than 3%. Do not add more hardener as this will shorten the pot life. Too much hardener will not speed up the drying. Stir thoroughly until achieving homogenous paste. Be careful not to create air inclusions.

Mix only quantity that can be applied/used within 5-8 mins to avoid wastage.

Page: 1/2 TDS.US.PP270...20



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### **APPLICATION:**



Apply with filling knife (spatula)

Application Pot Life (25 °C(77 °F)): 5-6 min.

Application temperatures must be between 5°C(41 °F) and 40°C(104 °F)

#### **DRYING:**



Air 25 °C(77 °F)

30-45 min.



Infrared -Short Wave

5 min.

Temperature should maximum 70°C(158 °F) to prevent cracking, bubbling or loss of adhesion.

#### **DRY SANDING:**



Preliminary sanding; P120-P180



Final sanding; P180-P280

Apply Primer Filler on Bdy Filler before Top Coat Paint application

#### **TOPCOAT:**



2K 4+1 Acrylic Filler, 2K 4+1 Urethane Primer, 1K Primer Filler, Polyester Spray Filler

Apply 2K Polyester Filler, 2K Urethane Filler, 2K Epoxy Filler or 1K Primer Filler to manufacturer's recommendations.

# TECHNICAL SPECIFICATIONS:



Appearance-Color Gray

Sand Time (20 °C)(68 °F) 30-45 minutes.

• Max Recommended Thickness Depending on use.

• Shelf Life Orijinal package, unopened can at room temperature 20 °C(68 °F); 12 months.

# HEALTH AND SAFETY

PRECAUTION:

Please look at the label.



For full Healty and Safety Information please refer to Material Safety Data Sheet (MSDS)

Goggles and suitable protective equipment must be worn while using these products. Good ventilations must be provided in the working environment.

Page: 2/2 TDS.US.PP270...20