



REFACE POLYESTER SPRAY FILLER

UPOL/SF1, UPOL/SF2

Version: 3.0

Date of issue: 01/01/2009 Revision date: 30/01/2020



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

A highly effective two component sprayable polyester filler specially developed to spray large areas of repair. Ideal base for most paint systems.



- High film build.
- Easy to sand.
- Includes liquid hardener.

Typical Use

Ideal for irregular surfaces and fine panel damage covering small to large area application.

APPLICATION GUIDE

Tools Required



HVLP Gravity Gun, GUIDE #7 Guide Coat Aerosol, MAXIMUM Abrasives, MAXIMUM Painters Overalls, MAXIMUM Premium Masks, SYSTEM 20 Degreasers.

Surface Preparation



Substrate	Degreaser	Abrasion
Bare Steel	S2001 Fast/S2002 Slow Solvent-Based Degreaser	P80
Original Paint	S2001 Fast/S2002 Slow Solvent-Based Degreaser	P240
Polyester Body Filler	S2001 Fast/S2002 Slow Solvent-Based Degreaser	P180
Fibreglass, SMC	S2000 Water-Based Degreaser	P180

For best results, good preparation is essential.
 Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as U-POL's SYSTEM 20 Degreasers. Abrade with grit paper as stated above for each respective substrate.
 Re-clean, dry and degrease the abraded substrate ready for application.
 PLEASE NOTE: this product is not recommended for application over thermoplastic acrylics.
 PLEASE NOTE: this product is not recommended for application over aluminium, galvanized (zinc coated) or etch primers.

Mixing ratio



Base	100	Parts by Volume
Liquid Hardener	5	Parts by Volume (3% by weight)

Gun Application



Viscosity	4250 (3500 – 5000) cP
Working Pot-Life at 20°C	45 – 60 minutes
Gun Tip Size	2 – 3 mm
Air Pressure at Gun	2.1 bar
Application Temperature	> 15 °C

Number of Coats



Coats	2 - 3
Flash-off at 20°C	5 – 10 between coats.
Distance from substrate	15 – 20 cm
Dry Film Build	75 – 100 µm
Approximate Theoretical Coverage	8 m ² /L
	*Theoretical Coverage per litre assuming 100% transfer efficiency and giving the dry film thickness between indicated values.

Drying Time



PLEASE NOTE: drying times are dependent upon film thickness, humidity and temperature.

Through Dry at 20°C	2 – 3 hours
Through Dry at 60°C	30 minutes

Sanding



Dry Sanding	P180 - P240
Wet Sanding	Not required

U-POL recommends using GUIDE #7 Guide Coat Aerosol during the sanding process to identify the high and low spots.

Overpainting



U-POL recommends a SYSTEM 20 Primer to achieve the perfect surface for the colour of your choice.

TECHNICAL INFORMATION

Physical properties



Appearance	Liquid.
Colour	Off-white
Density	≈ 1.595 (1.575 – 1.615) g/cm ³
Viscosity, dynamic	4250 (3500 – 5000) cP



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Percent Solids 74.2 wt%

VOC Information



The VOC content of this product as received is 453 g/l. The VOC content of this product in ready to use form is 100 g/l.

Shelf Life & Storage



Order Code	Format	Shelf Life	Comment
UPOL/SF1	1L Tin	1 year	B
UPOL/SF2	2.5L Tin	1 year	B

- A Date of manufacture, unique 5-digit batch code and expiry date printed on base of tin.
- B Date of manufacture and/or 5-digit batch code printed on base of tin/adhesive label/adhesive label on kit box. e.g. 93822 = 2019, week 38, batch 22
- C Date of manufacture and unique 5-digit batch code and printed on base of tin/adhesive label.
- D Date of manufacture and unique 5-digit batch code printed on cartridge.
- E Date of manufacture and unique 7-digit code printed on lid.
- F Date of manufacture and unique 6-digit batch number printed on packaging.
- G Date of manufacture and unique 4-digit batch code and printed on base of tin.
- H Date of manufacture and batch number incorporated into 8-digit code e.g. 18071234 = (18) 2018, (07) July, batch number1234
- I Date of manufacture printed on tin.
- J Date and time of manufacture printed on neck of aerosol.
- K Date of manufacture and weight of sachet embossed on seal. e.g. 40G 110717
- L Unique 5-digit batch code printed on packaging/adhesive label/embossed on seal. For the date of manufacture, please quote this code to technicalsupport@u-pol.com.
- M Unique 5-digit batch number followed by weight printed on tube. e.g. 17149GR78 = batch number 17149GR, weight 78 g. For the date of manufacture, please quote this code to technicalsupport@u-pol.com.
- N Date of filling and unique 7 digit batch code stamped on adhesive label.
- O LOT number ending in a unique 5-digit code printed on sachet. For the date of manufacture, please quote this code to technicalsupport@u-pol.com.
- P Date of aerosol manufacture and 5-digit aerosol base batch code printed on base of tin. e.g. 93822 = 2019, week 38, batch 22
- Q Date of aerosol manufacture and unique 5-8 digit batch code printed on base of tin.

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep only in original container.

Recommended storage temperature 5 °C - 25 °C

For any other information please contact technicalsupport@u-pol.com for assistance.

IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.