TECHNICAL DATASHEET

POLYESTER SPRAY FILLER

ART. NO: #127.978 (1.5KG), #127.987 (5KG)

POLYESTER SPRAY FILLER is a two component spray filler with excellent adhesion to metal, polyester filler and GRP parts. With a balanced thixotrophy and excellent flow and filling capabilities, it can be applied over large repair areas, easily filling both small imperfections as well as deeper defects. Hardens rapidly due to its high solids content, ultimately delivering a textured and structured finish developed for better visual sanding control. Hardens to a dense, tack free surface that is easy to sand and free of pinholes. CHP liquid hardener included.

FEATURES

- ✓ *Advanced tack free formula prevents sandpaper clogging, reducing labor and sandpaper costs*
- ✓ *Unique formula that virtually eliminates micro-pinholing*
- ✓ *Balanced thixotrophy allows for multi-purpose application*
- ✓ *Excellent flow and filling capabilities*
- ✓ *Easy to sand*
- ✓ *Fast drying*
- ✓ *Structured finish ensures better visual sanding control*

AREA OF APPLICATION

Due to its ultra-fine formulation, this filler is ideal for use as a surfacing filler as opposed to other general purpose fillers. Thanks to its high build properties, it can also easily cover pinholes and sanding marks and can be used to for filling uneven areas.

CONDITIONS OF USE AND CONFORMITY

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgment in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

HEALTH & SAFETY

See Safety Data Sheet and labels for additional safety information and handling instructions. *Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry. Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS. Always observe all applicable precautions and follow good safety and hygiene practices.*

Product (Part A) VOC Regulatory Data For USA (National Rule & Low VOC) / Canada		
	g/L	LBS/GAL
Actual VOC	90	0.75
Regulatory VOC (less water & exempt solvents)	90	0.75
Density	1700	14.19
	WEIGHT %	VOLUME %
Total Solid Content	95.1%	91.7%
Total Volatile Content	4.9%	8.3%
Water	0%	0%
Exempt Compound Content	0%	0%

Hardener (Part B) VOC Regulatory Data For USA (National Rule & Low VOC) / Canada		
	g/L	LBS/GAL
Actual VOC	686.00	5.72
Regulatory VOC (less water & exempt solvents)	686.00	5.72
Density	1000	8.35
	WEIGHT %	VOLUME %
Total Solid Content	30%	30%
Total Volatile Content	70%	70%
Water	0%	0%
Exempt Compound Content	0%	0%

RTS VOC Regulatory Data For USA (National Rule & Low VOC) / Canada		
Coating Category	Primer	
Mixing Ratio	100 : 5	
	g/L	LBS/GAL
Actual VOC	118.38	0.99
Regulatory VOC (less water & exempt solvents)	118.38	0.99
Density	1666.67	13.91
	WEIGHT %	VOLUME %
Total Solid Content	92%	88.7%
Total Volatile Content	8%	11%
Water	0%	0%
Exempt Compound Content	0%	0%

PRODUCT DATA

Nature: 2 component polyester spray filler

Color: Grey

Shelf Life: Minimum 6 months (sealed in original container) between 18 - 20°C

Package: 1L / 4.5KG + CHP Liquid Hardener

Number per case: 6 (1L) / 1 (4.5KG)

Safety Data Sheet (SDS) is available on our website

CAUTION

ALL SURFACES SHOULD BE SANDED BEFORE APPLICATION. DO NOT USE THIS PRODUCT OVER THERMOPLASTIC, ACRYLIC SYSTEMS OR PAINT PRIMED SURFACES. NOT FOR USE ON ZINC AND ALUMINUM SURFACES. NOT FOR USE ON WASH PRIMER, EPOXY PRIMER, AND EPOXY FILLER. THIS COULD CAUSE A CHEMICAL REACTION AND THE SURFACE MIGHT BECOME SMOOTH AGAIN. TO PREVENT THE FORMATION OF BLISTERS, PARTICULARLY UNDER HUMID CONDITIONS, ALL SURFACES MUST BE GIVEN AN ISOLATING COAT OF 35 mμ MINIMUM OF ACRYLIC PRIMER (TWO COMPONENT), AN EPOXY BASED FILLER OR EQUIVALENT (NOT ALLOWED TO BE SANDED) BEFORE THE TOP COAT IS APPLIED. WHEN USING EPOXY, USE A WATER BASED EPOXY. IT IS ABSOLUTELY NECESSARY TO CARRY OUT A TEST BEFOREHAND.

HANDLING

PREPARATION

1. Clean and degrease the entire panel to be repaired with soap and water, followed by a mild cleaning solvent.
2. Thoroughly dry the surface before repairing.
3. Sand the repair area.

N.B. Maximum adhesion is achieved to well-sanded bare metal surfaces.

MIXING

1. Stir the filler thoroughly before use.
2. Add 3.5% by weight of CHP Liquid Hardener to 100% by weight of the filler and mix well.

N.B. The components should be mixed thoroughly otherwise there may be a higher sensitivity to moisture.

THINNER

The filler has a spray viscosity. Should a lower viscosity be required for the final coat in order to provide a smoother surface which can reduce sanding time, up to 2.5% by weight of CW Spray Thinner can be added.

WORKING TIME

20 - 30 minutes @ > 21°C (>70°F)

APPLICATION

Gravity spray gun, jet size 2.5 mm diameter with a working pressure of 2 - 2.5 bar.

N.B. The spray gun should be cleaned with NC thinner directly after use (i.e. within the pot life).

HARDENING TIMES

Before sanding the product should be allowed to harden for 3-5 hours at an ambient temperature of approximately 20°C. Heat will shorten the hardening time whereas cold will lengthen. The hardening time can be accelerated at higher temperatures as follows (approximately):

40°C: Hardening time = 60 minutes
60°C: Hardening time = 30 minutes
80°C: Hardening time = 15 minutes

SANDING

Due to its high sensitivity to water, polyester spray filler must be dry sanded. In case of wet sanding the water must be allowed to evaporate completely beforehand.