



# POWDER-PRO TECHNICAL DATA SHEET



Check local VOC regulations to ensure compliance of all products in your area.

## DESCRIPTION

An ultra-lightweight polyester filler that offers exceptional sanding properties.

## FEATURES

- Pinhole Free
- Sands in half the time of leading competitor
- Works with all paint systems
- 750hr ASTM-B117 corrosion tested
- Non-staining

## SUITABLE SUBSTRATES

PROPERLY PREPPED (SEE PREPARATION SECTION)

- Steel
- Aluminum
- SMC
- Fiberglass
- \*OEM finishes

## TYPICAL PROPERTIES

Part:	Product Name:	Color:	Container:
40561	<b>Powder-Pro</b>	Lt. Blue	Gallon
60927	<b>Blue Cream Hardener</b>	Blue	4 fl. oz. (118.3ml) Tube

	Part A - Filler	Part B – Cream Hardener
<b>Base</b>	Polyester resin with styrene monomer	Benzoyl Peroxide
<b>Density</b>	7.76 lb/gal	9.93 lb/gal
<b>Color</b>	Beige	Blue
<b>Flash Point</b>	Closed cup: 87.8°F (31°C)	Closed cup: 201.2°F (94°C)
<b>Viscosity @ 104°F (40°C) – Kinematic Viscometer</b>	>21 mm <sup>2</sup> /s (>21 cSt)	>20.5 mm <sup>2</sup> / s (>20.5 cSt)



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## PRODUCT SPECIFICATIONS

<b>Kit Contains:</b>	1 Gallon <b>Powder-Pro Filler</b>
	1 Tube <b>Blue Cream Hardener</b>
<b>Working Time:</b>	5 Minutes
<b>Shape Time:</b>	9 Minutes
<b>Sanding Time:</b>	15 Minutes
<b>Maximum Recommended Thickness:</b>	¼" (6mm) sanded
<b>Service Temperature:</b>	40-120°F (5-49°C)
<b>VOC mixed</b>	Refer to the product SDS

## TYPICAL PERFORMANCE PROPERTIES

<b>Lap Shear, Steel to Steel:</b>	1127 psi	ASTM D1002
<b>Lap Shear, Galv to Galv:</b>	923 psi	ASTM D1002
<b>Lap Shear, Alu to Alu:</b>	837 psi	ASTM D1002
<b>Tensile Strength:</b>	1295 psi	ASTM D638
<b>Shore D Hardness @ 24 hrs:</b>	60	ASTM D2240
<b>Flexural Strength:</b>	2121 psi	ASTM D790 Procedure A
<b>Expansion:</b>	1.4%	



## PREPARATION

### Steel & Aluminum

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**. The surface must be free of dirt, oil, grease and rust.
2. Sand area to be filled with 80-grit sandpaper.
3. Blow off and re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

### SMC & Fiberglass

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**. The surface must be free of dirt, oil, grease.
2. Sand area to be filled with 80-grit sandpaper.
3. Blow off and re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

**Note:** When cleaning SMC and Fiberglass, do not saturate exposed fibers. Surface must be completely dry.



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## OEM Finishes

1. Clean with **SEM Solve** or **XXX Universal Surface Cleaner**. The surface must be free of dirt, oil, grease.
2. Sand area to be filled with 80-180 grit
3. Blow off and re-clean with **SEM Solve** or **XXX Universal Surface Cleaner**.

**\*Note:** Repairs over OEM finishes are allowed as long as the repair area remains small.



## MIXING

1. Stir well before mixing.
2. Mix a ribbon of **Blue Cream Hardener** with a golf ball size quantity of **Powder-Pro** ultra lightweight body filler or 2-3% by weight.
3. Mix until a uniform color is achieved. Mix no more than can be used in 3 minutes.

**Note:** To eliminate pin holes caused by improper mixing, apply firm pressure with a plastic spreader in long strokes while mixing until a uniform color is achieved.



## Powder-Pro

### Mixing Instructions

	Powder-Pro (A)	Blue Cream Hardener (B)
Mix by volume	100 grams	2-3 grams
Mix by ratio	50	1-1.5



## APPLICATION

1. Apply the putty to the repair area using a spreader. The film build should not exceed 1/4" after sanding.
2. Allow the area to cure for approximately 15 minutes and then sand with 80-180 grit sandpaper.
3. Refer to the paint manufacturer's instructions to complete the repair.



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## TOPCOATING

**Powder-Pro** may be primed or glazed after sanding. Follow paint manufacturer's instructions for guidance on what grade sandpaper to finish with prior to priming.



## CLEAN UP

Clean any excess product immediately while still wet. Use appropriate cleaning materials compliant with VOC regulations in your area.

## STORAGE

**Powder-Pro** should be stored between 60-80°F (16-27°C). The shelf life for **Powder-Pro** and the **Blue Cream Hardener** is 1 year when stored under ideal conditions.

## RELATED PRODUCTS

Part:	Product:	Size:
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Quart
38375	SEM Solve	5-Gallon
60907	Blue Cream Hardener	1 fl. oz. (29.5ml) Tube
60927	Blue Cream Hardener	4 fl. oz. (118ml) Tube
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart

### Technical Consultation Service



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Our Technical Staff is ready to assist you with any questions. You are invited to take advantage of our extensive experience, laboratory services and trained field service representatives. Call (800) 831-1122 for answers to your questions. Hours of operation are Monday through Thursday 8:00 am until 5:00 pm EST and on Friday 8:00 am until 4:30 pm EST.

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