



**P-17 SMCR  
HIGH HEAT  
RESISTANT FILLER  
SANDABLE  
GRAY, BLACK, WHITE**



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**DESCRIPTION**

P-17 SMCR HIGH HEAT RESISTANT FILLER set-fast system has uses in aerospace, aircraft, automotive, tooling, manufacturing and final fabrication where potential exposure to elevated temperatures up to 446°F (230°C) have to be tolerated either for short term or continuous periods. P-17 SMCR offers the user a smooth workable paste with set-fast cure to expedite those applications for repair or finish. P-17 SMCR can be applied with a squeegee, spatula or flat tool. The cured material can be easily sanded to a feather edge by hand or with mechanical sander. This filler has excellent adhesive and bond strength to fiberglass, SMC, BMC, RIM, FRP, epoxy, graphite and Kevlar\* composites as well as aluminum, plaster and other substrates. P-17 SMCR HIGH HEAT RESISTANT FILLER when cured and finished accepts virtually all types of coatings and decorative films without any blush or discoloration. **Typical applications include: aircraft interior panels, vacuum form molds, changes & repairs, FRP panels-filling cloth imprint, Drill fixtures, potting bushings, nose cone porosity, gel-coat repairs on production molds, edge filling on honeycomb, SMC mold porosity in molded parts, repair of damaged SMC parts and many other applications.**

**TYPICAL HANDLING CHARACTERISTICS @ 77°F (25°C)**

Mix Ratio with BPO cream hardener (parts by weight) .....	100R/2H
Mixed Viscosity .....	Smooth Creamy Paste
Specific Gravity .....	1.57 g/cc
Work Life (100 gram mass) .....	7-10 minutes
Finish Schedule .....	15 minutes
Hardness after 1 hour .....	88 Shore D
Shelf Life (in original unopened containers) .....	1 year
Storage Requirement.....	40°F-80°F (4°C-27°C)

NOTE: All high heat resistant systems typically exhibit a slight color change at the extreme end of the elevated temperature range when used in tooling repairs.

**MIXING INSTRUCTIONS**

1. Stir contents of can thoroughly using a spatula or putty knife. Place the required amount of filler and cream hardener on a disposable clean surface.
2. Mix ratio: 100 parts paste to 2 parts BPO cream hardener by weight, i.e. size of golf ball (P-17 SMCR paste) to a two inch strip of BPO catalyst.
3. Set up time of mix at room temperature will be 4-6 minutes and may be adjusted faster or slower by increasing or decreasing the amount of hardener. CAUTION: THE USE OF TOO MUCH HARDENER CAN CAUSE GUMMINESS IN THE FILLER.
4. After 15-20 minutes the filler may be filed or sanded to final finish.

\*Registered trademark of E.I. DuPont deNemours

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