



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



**www.CASSpolymers.com
31200 Stephenson Hwy**

**800.344.7776
Madison Heights MI 48071**

**ADTECH@CASSpolymers.com
Ph 248.588.2270 Fax 248.588.5909**

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 230°C/446°F 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.**

HANDLING CHARACTERISTICS @ 25°C/77°F

Mix Ratio with BPO cream hardener (parts by weight)	100R/2H
Mixed Viscosity	Smooth Creamy Paste
Density.....	13.2 lbs/gal
.....	1.58 gms/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

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

P-17 SMCR Tech/Revised 1/15/10
Supersedes 1/9/08

Seller cannot anticipate all conditions under which seller's products, or the products of other manufacturers in combination with seller's products, may be used. Seller accepts no responsibility for results obtained by the application of seller's products or the safety and suitability of seller's products, either alone or in combination with other products. Users are advised to make their own test to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, seller delivers the products without warranty of any nature, stated or implied, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of said products, whether used alone or in combination with other products. Purchaser waives any claim against seller for direct, indirect, consequential or exemplary damages against seller, including without limitation, damage which may incur as a result of purchaser's use or misuse of the product or the products failure to conform to any particular specifications.