



## ***Fairing Materials – Polyester Filler Pastes***

ADTECH set-fast polyester filler pastes have many uses in the final fabrication of aerospace, aircraft, automotive and marine manufacturing. These fillers have excellent adhesive and bond strength to fiberglass, SMC, BMC, RIM, FRP, epoxy, graphite and Kevlar® composites as well as aluminum, plaster and other substrates. When cured and finished they accept virtually all types of coatings and decorative films without any blush or discoloration.



**Micro-Ultra 15-3 SET FAST FILLER PASTE** is a rigid, light weight (low density) system which is fire retardant and classified "NO BURN" for the stringent requirements of the aerospace and aircraft industries. New technology and space age materials have made possible a weight reduction in applied material of 30-35%. It is an ideal material for repair and surface finishing of interior composites when OEM regulations must be complied with. The chemical resistance of P-15-3 is excellent; the system will withstand the cleaning solutions used in routine maintenance. Micro-Ultra 15-3 offers the user a smooth, creamy system with high physical properties and less added weight. Micro-Ultra 15-3 is non-conductive and has excellent finishing properties. It also has excellent bonding and filling qualities with fiberglass, SMC, BMC, RIM, FRP, graphite and Kevlar™ composites. It withstands vibrations and impact without loss of bond or surface webbing. Micro-Ultra 15-3 can be applied by splining, squeegee, spatula or any flat type tool. Once set, it can be finished by mechanical or hand sanding or grinding. Decorative coverings are also workable; Micro-Ultra 15-3 does not bleed out. Typical applications include: Filling porosity and cloth impression in prepreg composites, filling porosity and surface blemishes on exterior composites, surface filling on interior composites, renewing and repairing broken or cracked areas, overhaul and refinishing on interior parts, many more areas of final fabrication and finish.

### **Features:**

- Two component polyester, flame retardant thixotropic paste
- 4-6 Minute Work Life
- White

Rigid, light-weight, fire retardant system ideal for finishing and repairing interior composites. Meets stringent no-burn requirements of FAA Reg 28.853a and BMS 5-136a.

**Applications:** Typical applications include: Filling porosity and cloth impression in prepreg composites, filling porosity and surface blemishes on exterior composites, surface filling on interior composites, renewing and repairing broken or cracked areas, overhaul and refinishing on interior parts, many more areas of final fabrication and finish.



**P-15-3 REDUCER RESIN** was formulated for use with ADTECH Polyester P-15-3 MICRO-ULTRA FILLER and ADTECH P-154. This reducer, when added to these systems, maintains their overall physical properties, i.e., low smoke and non-burn characteristics. It also allows the fillers to cure to a tack free surface. Tests have shown P-15-3 REDUCER RESIN to comply with FAR 25.853 (a) of the Federal Aviation Standards for aircraft interiors and other areas where fire retardant performance is required. This system is qualified to DeHaviland Spec. DSC-206-4.

**Features:**

- 2 component polyester flame retardant resin
- 10-12 minute work life
- White

flame retardant low viscosity reducer resin for P15-3 Micro-Ultra Filler Paste. Complies with FAR 25.853a.

**Applications:** P15-3RR Reducer Resin was formulated as a reducing additive for Adtech P15-3 Micro-Ultra Filler when a lower viscosity fairing paste is required by the applicator. Complies with FAR 25.853a. This system is qualified to DSC-206-4 specifications.



**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 a 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.

**Features:**

- Two component vinyl ester, sandable thixotropic paste
- 7-10 Minute Work Life
- Grey, Black, or White

A high heat resistant filler paste which is easily sanded to a feather edge and bonds readily to most substrates. Ideal for use in mold repair, repair of fiberglass parts, fairing and filleting and as a edge filler for honeycomb panels. Offers heat resistance to 446°F and will accept coatings of virtually any type without

blush or discoloration.

**Applications:** 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.



**P-49 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 200°C/390°F have to be tolerated either for short term or continuous periods. P-49 offers the user a smooth workable paste with set-fast cure to expedite those applications for repair or finish. P-49 can be applied with a squeegee, spatula or flat tool. The cured material can be finished by mechanical sanding, grinding, scraping, etc., to a feather edge. 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-49 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, FRP panels filling cloth imprinting, nose cone porosity, edge filling on honeycomb, vacuum form molds, changes and repairs, drill fixtures, potting bushings, gel-coat repairs on production molds, SMC mold porosity in molded parts and many other applications.

**Features:**

- Two component vinyl ester, thixotropic machinable paste
- 8-12 Minute Work Life
- Carmel, Black

Developed for use in tooling, fabrication and repair in the aerospace, aircraft and automotive industries where elevated temperatures (up to 230°C/446°F) may occur. Low moisture absorption also makes this an ideal filler/repair material for the marine industry. Excellent bond strength to fiberglass, SMC, BMC, RIM, FRP composites and other substrates. Accepts all types of coatings without discoloration.

**Applications:** Typical applications include: aircraft interior panels, FRP panels filling cloth imprinting, nose cone porosity, edge filling on honeycomb, vacuum form molds, changes and repairs, drill fixtures, potting bushings, gel-coat repairs on production molds, SMC mold porosity in molded parts and many other applications.



**P-75 QuickFair** is a sandable, low density, heat resistant thixotropic vinyl ester paste used for surface fairing and cosmetic repair applications on composite and metal surfaces. P-75 QuickFair has excellent adhesion to fiberglass, SMC, FRP, epoxy, graphite and kevlar composites as well as aluminum and wood. Once cured accepts virtually all coatings and decorative films.

**Features:**

- Two component vinyl ester paste
- 7-10 minute work life.
- Light Yellow

**Applications:** Sandable, low density, thixotropic vinyl ester paste used for surface fairing and cosmetic repair applications above or below the waterline on composite and metal surfaces. P-75 QuickFair has excellent adhesion to fiberglass, SMC, FRP, epoxy, graphite and kevlar composites as well as aluminum and wood.



**P-77 polyester filler and fairing compound** offers the user a smooth workable paste with a set-fast cure to expedite those applications for repair or finish. P-77 is easier to sand than conventional fillers and can be finished to a feather edge. This material has excellent adhesive and bond strength to fiberglass, SMC, FRP, epoxy, graphite, and Kevlar® composites as well as aluminum, wood, and other substrates. P-77 can be easily applied with a squeegee, spatula, or flat tool, and once cured will accept virtually all types of coatings and decorative films.

**Features:**

- Two component vinyl ester, sandable thixotropic paste
- 4-6 Minute Work Life
- White

A heat resistant filler paste which is easily sanded to a feather edge and bonds readily to most substrates. Ideal for use in filling and fairing marine FRP surfaces above or below the water line. Offers heat resistance to 446°F and will accept coatings of virtually any type without blush or discoloration.

**Applications:** Ideal for use in filling and fairing FRP composite surfaces.

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