

COATINGS AND EPOXY NEWS FROM:

issue 0405

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PAUL OMAN ----- [Progressive Epoxy Polymers, Inc.](#)
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Global supplier of [WET/DRY 700](#) (tm) underwater epoxy paste enhanced with DuPont Kevlar® fibers. Anything else is, well, just something else.
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Hierarchy of Epoxy Paints and Coatings

By Paul Oman
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It has been our experience that epoxy paints fall into several price/application groupings that may not be obvious to most end users. These groupings help explain why epoxy paint prices seem to fall all over the place.

I) 'A TEAM' PREMIUM EPOXIES:

These are the really good, high-end epoxies. There's lots of 'wobble room' here, but general characteristics of epoxies in this group often are: solvent-free (0% VOC); non-hazmat to ship; suitable for full time immersion, often use a cycloaliphatic curing agent; often can be applied underwater. Might be a novolac based resin, might be potable water (NSF 61) or nuclear (DBA) approved. Applications include: tanks, pits, sumps, pilings, marine hull barrier coats, waste water, manholes. Prices: generally about \$80-\$90 per gallon.

II) 'B TEAM' EPOXIES:

Many (not all) of these epoxies contain solvents, which generally reduce the physical properties of these epoxies. They are often used as 'tie coats' and general maintenance applications, such as coating machinery, tanks, walls, misc. equipment, etc. Coal Tar epoxies would commonly fall into this group. Prices generally in the \$50-\$60 per gallon range

III) FLOOR EPOXIES:

Generally self leveling (non-thixotropic) versions of the "B Epoxies" but can sometimes also include the "A Premium Epoxies" and priced about the same. Price: \$50-\$80 gallon.

IV) EPOXY RESINS/MARINE EPOXIES:

Usually solvent free epoxies from the 'floor epoxy' group, but without the pigments. Savings from not using the pigments (and associated blending) is probably in the order of \$5 per gallon, so the 'real' price should be about \$40-\$60 per gallon, but often the marine (boating) link adds \$20 to the pockets of the vendors.

V) EPOXY PRIMERS AND SEALERS:

Generally solvent thinned versions of the marine/resin epoxies, with or without pigment. The amount of solvent used might be 20% to 70%. Cheap to make and cheap in volume for contractors, but small users pay a premium for the blending, packaging, marketing, and the often 'marine' label. Still, coverage is excellent so the cost per square foot is still reasonable. Prices about \$45 to \$60 per gallon.

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Crass commercial section ---

GET YOUR EPOXIES FROM PROGRESSIVE EPOXY POLYMERS, INC. --- WE OFFER "MULTI-VENDOR EPOXY SOLUTIONS" --- ALL KINDS OF EPOXIES FOR ALL KINDS OF USES (most available for private label) -- WHY PURCHASE FROM ANYONE ELSE?

'A TEAM' PREMIUM EPOXIES OFFERED BY PROGRESSIVE EPOXY POLYMERS: - [click here](#) - (partial list) -- WATERGARD 300™/NSP 120; CORRO COAT FC 2100™; WET DRY 700™ — Watergard 300/NSP 120 is a non-hazmat, cycloaliphatic epoxy adduct. Under the NSP 120 it has NSF 61 and DBA approvals. Colors: light blue, white, black. FC 2100 contains both Kevlar (tm) and feldspar ceramic, comes in standard, novolac, and fast versions. Most versions are non-hazmat. [Cycloaliphatic](#), color: gray. Can be applied underwater. Available for private label. Wet Dry 700 is an epoxy paste with Kevlar (tm) that is non-hazmat to ship and is often used for apply underwater applications and repairs).

'B TEAM' EPOXIES OFFERED BY PROGRESSIVE EPOXY POLYMERS: - [click here](#) - (partial list) -- CM 15™, COAL TAR™, MIO 151™. --- CM 15 is a high solids (80%) ivory epoxy paint for general purpose applications. Long potlife, good price, excellent adhesion and flex. Coal Tar is our 100% solids coal tar epoxy with easy 1 to 1 mix. There are low quality coal tar epoxies - this is not one of them. MIO 151 is a micaceous iron oxide based (primer red) 18% voc epoxy paint for steel surfaces (works on other surfaces too!).

FLOOR EPOXIES OFFERED BY PROGRESSIVE EPOXY POLYMERS: - [click here](#) (partial list) -- AGUA ROCK; INDUSTRIAL FLOOR EPOXY™. NOVA FLEX™. --- Agua Rock is our

water-based gray floor epoxy (use alone or as a primer under 100% solids floor epoxies). Industrial floor epoxy is our 100% solids commercial quality floor epoxy available in light gray or beige. Nova Flex is a 100% gray floor epoxy with more flex than our Industrial Floor Epoxy and with extended potlife for hot weather application.

EPOXY RESINS/MARINE EPOXIES OFFERED BY PROGRESSIVE EPOXY POLYMERS - [click here](#) - (partial list) -- BASIC NO BLUSH 2™; PREMIUM NO BLUSH™; LOW V™; SUMMER BOND™, LTC 38™. --- Basic No Blush is our most popular marine epoxy used for boat building and repair, as well as recoating epoxy pebble surfaces. Premium No Blush is a non-hazmat, cycloaliphatic version of Basic No Blush. Low V is our very popular low viscosity clear epoxy used for all sorts of things. Summer Bond is a hot weather marine epoxy designed for working in 80 plus degree temperatures. LTC 38 is our cold weather marine epoxy applied in temperatures as low as 38 degrees F.

EPOXY PRIMERS AND SEALERS OFFERED BY PROGRESSIVE EPOXY POLYMERS - (Epoxy Primers and Sealers offered by Progressive Epoxy Polymers, Inc. [ESP 155™](#), EPOXY PRIME™ ---. ESP 155 is a clear thin penetrating epoxy with 75% solids and is used as a bond enhancer and primer. Epoxy Prime is a white, 50% solids epoxy primer with bond enhancers (available mid-May 2004)

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