

RD SENSITIZING TECHNOLOGY



New and only from ULANO!



***RD SENSITIZING TECHNOLOGY
RE-INVENTS DIAZO EMULSIONS***

No Mixing, Stirring, or De-Bubbling Time!

In a major photochemical breakthrough, Ulano Research and Development has introduced *RD Sensitizing Technology* that functions with our familiar diazo-sensitized and diazo-dual cure emulsions—without the need for diazo!

RD Sensitizing Technology products are ready-to-use!

Conventional diazo-sensitized products have been on the market for more than 30 years. They are labor-intensive for stencil makers, who have to dissolve diazo in water, wait for the release of any air that has been entrapped, stir the diazo solution into the emulsion, then wait again for at least an hour for the emulsion to de-bubble the nitrogen that the mixing has generated. Diazo is especially vulnerable to heat and humidity influences, which slow its exposure speed and accelerate its aging. Moreover, under hot and humid conditions, unless dissolved very carefully, diazo tends to clump, risking pinholes or incomplete sensitization. Conventional diazo-sensitized products also have a relatively short pot life; they create yellow diazo stains; and the diazo itself is a readily airborne irritant. By eliminating mixing and measuring for customers, Ulano has greatly reduced the possibility of errors—and greatly improved the assurance of highest quality stencils for customers, each and every time.

The transition to *RD* sensitized emulsions, exciting as it is as a technological development, includes significant *green* advantages and positive environmental impact. On an annual basis, we and our customers will use tens of thousands less diazo bottles and bottlecaps, not to mention the emulsion stirrers we had included with 28-ounce and 1-gallon units! If you don't need to stir emulsion anymore, you don't need stirrers!

RD emulsions are pre-mixed, and will offer the exposure speed and latitude, resolution, water and solvent resistance, and the ease of decoating of their diazo-sensitized counterparts. In addition, *RD* will afford longer (18 month) shelf and pot life.

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