



Product Selection Guide
FOAM CONTROL ADDITIVES

SPECIFICATIONS & SUITABILITY BY INDUSTRY

| Product name | Chemical type | Application/Usage | Dosage | Solvent-based | Water-based | Coatings | Graphic arts | Composite |
|------------------|--|---|-----------|---------------|-------------|----------|--------------|-----------|
| DELTA-FC® 1020 | Silicone-free defoamer | Thermoplastic acrylics. Acid-curing wood finishes. Unsaturated polyesters and cold-curing epoxy systems. Nitrocellulose- and polyamide-based gravure and flexographic printing inks. Gel coats, laminating, lay-up and spray-up | 0.05-0.7% | | | | | |
| DELTA-FC® 1021 | Silicone-free defoamer | Polyurethane coatings. Acid-curing wood finishes and coatings. Air-drying and stoving paints. Transportation coatings. UV curable screen, gravure and flexographic printing inks | 0.5-2.0% | | | | | |
| DELTA-FC® 1022 | Silicone-based defoamer | Two-pack systems based on polyurethane and epoxy resins. Stoving enamels based on alkyd resins or saturated polyesters. Air-drying industrial coatings based on medium-oil alkyd resins. Thermoplastic acrylics. Nitrocellulose-based gravure and flexographic printing inks | 0.2-1.0% | | | | | |
| DELTA-FC® 1040 | Silicone-based defoamer | All kinds of Industrial and decorative finishes given its high compatibility (excellent for transparent systems). Nitrocellulose- and polyamide-based gravure and flexographic printing inks | 0.1-0.7% | | | | | |
| DELTA-FC® 1501 | Silicone-free defoamer (mixture of mineral oils and hydrophobic components in hydrocarbon carrier) | It is characterized by having a long-lasting defoaming effect in different synthetic latex and emulsion systems based on styrene-butadiene, acrylic and polyvinyl acetate | 0.1-1.0% | | | | | |
| DELTA-FC® 1501 M | Silicone-free defoamer (mixture of mineral oils and hydrophobic components in hydrocarbon carrier) | This is a cost-effective version of DELTA-FC 1501 | 0.1-1.0% | | | | | |
| DELTA-FC® 1521 | Silicone-free defoamer (mixture of mineral oils and hydrophobic components in hydrocarbon carrier) | It controls the foaming tendency of surfactants in water-based coating and ink formulations (mill-base and let-down) especially those based on styrene-butadiene, polyvinyl acetate, acrylic and water-soluble alkyds. It can be also effective in the ceramic and paper industries and rubber/latex formulations | 0.1-1.0% | | | | | |
| DELTA-FC® 1522 | Silicone-free defoamer (mixture of mineral oils and hydrophobic components in hydrocarbon carrier) | It controls the foaming tendency of surfactants in water-based coating and ink formulations (mill-base and let-down) especially those based on styrene-butadiene, polyvinyl acetate, acrylic and water-soluble alkyds | 0.1-1.0% | | | | | |
| DELTA-FC® 1525 | Silicone-based defoamer (Silicone-based emulsion with non-ionic surfactants) | It controls the foaming tendency of surfactants during dispersion and further processing in water- and glycol-based pastes and universal colorants. Due to its excellent stability during grinding stage, it is a perfect choice for universal colorants (along with DELTA-S® 5225) | 0.1-1.0% | | | | | |
| DELTA-FC® 1720 | Silicone-free anti-foam | Unsaturated polyesters. Two-pack epoxies and solvent-free epoxy floorings. Acrylic/vinylacetate-combinations. Oil-free polyesters. UV curable screen, gravure and flexographic printing inks | 0.1-1.0% | | | | | |
| DELTA-FC® 1722 | Silicone-based anti-foam | Solvent-free epoxy floorings and room temperature curing unsaturated polyesters. Thin layer (gel coats) and casting systems | 0.3-1.5% | | | | | |
| DELTA-FC® 1723 | Silicone-free air-releaser | Unsaturated polyester and epoxy resins | 0.1-0.5% | | | | | |

Suitable