

AFCONA-2723



Chemical Composition

Polysiloxane based defoamer

Product general description

Defoamer and de-aerator for unsaturated polyester, polyurethane, UV-curing coatings and epoxy resin systems.

Product properties

AFCONA-2723 is a defoamer and de-aerator formulated for high-solids systems like unsaturated polyester, epoxy, and polyurethane, offering performance comparable to AFCONA-2720.

In polyester and epoxy resins, it offers excellent clarity, effective defoaming and bubble-free finish in both, coatings and molded parts.

AFCONA-2723 offers better compatibility than AFCONA-2720 and AFCONA-2722, but inferior to AFCONA-2724.

AFCONA-2723 is recommended for thin layer applications (gel coat), casting resins and epoxy resin systems (like floor coatings), room-temperature curing of unsaturated polyesters used in fiberglass reinforced systems.

AFCONA-2723 can be used in pigmented or non-pigmented resin systems like:

- 1) Unsaturated polyesters (SMC/BMC gel coats and synthetic mortars).
- 2) Two-component epoxy systems.
- 3) Polyester/melamine baking systems.
- 4) PVC-compounds.

In high load pigmented and high viscosity systems, combination with suitable dispersing agent, would further improve AFCONA-2723 de-aeration.

Examples: AFCONA-5010 for extender-rich systems, AFCONA-4070 and AFCONA-4047 for dispersing inorganic and organic pigments.

Product Specification

Solvent	Special Boiling Range Solvent
Density	0.80 - 0.84 g/cm ³ (20°C)
Refractive index	1.430 - 1.460 (25°C)
Flash point	93°C
Appearance	Colorless, transparent/ slightly hazy liquid (25°C)

Addition and dosage

0.1-0.5% on total formulation. Under normal condition, the dosage is 0.1-0.3% based on total formulation.

Incorporation

To avoid foam and bubble formation, AFCONA-2723 should be incorporated into the system at the beginning of the production or application process. If added subsequently, it must be well-dispersed in the system.

Storage

AFCONA-2723 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

20kg and 160kg non-returnable containers

For product safety information: please refer to the product SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.