

AFCONA - 2723



Chemical Composition

Silicone based defoamer

Product general description

Defoamer and air-releaser for unsaturated polyester, Polyurethane, UV and epoxy resin systems

Product Properties

AFCONA-2723 is an alternative to AFCONA – 2720 in high solid application systems like, UPE, epoxy and polyurethane. It not only gives good transparency, it also performed as reasonable good de-aerator in polyester and epoxy resin systems. This ensures the production of foam- and bubble-free compounds/parts.

The use of AFCONA -2723 in epoxy resin systems will not only gives good defoaming, but also good levelling of the surface (no crater and air-bubbles).

AFCONA-2723 is a special additive for thin layer (gel coat), casting resins and epoxy resin systems (e.g. floorings). In addition, it can be used for room temperature curing of unsaturated polyesters, which are used in glass fiber reinforced systems.

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

- 1) unsaturated polyesters (SMC/BMC gel coats and synthetic mortars)
- 2) two-pack epoxies
- 3) Polyester/melamine stoving systems
- 4) PVC-compounds

In high pigmented and high viscosity system, incorporation of a suitable dispersing agent will reduce the viscosity and this will helps to improve de-aeration. Products like AFCONA – 5010 is suitable for extender rich system and AFCONA – 4070 and AFCONA – 4047 are suitable for inorganic and organic pigments.

Product specification

Solvents	Methoxypropylacetate /S.B.P spirit / Alkylbenzen / MIBK
Density at 20 °C	0.82 - 0.84 g/cm ³
Reflective index	1.430 – 1.440
Flashpoint	44 °C
Appearance	transparent to slight yellowish liquid

Addition and dosage

0.1 -0.5% on total formulation. In general 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 mixed at the beginning of the production/application into the system. If it is added at the end of the formulation, a good dispersion must be ensured.

Storage

AFCONA-2723 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25 kg and 170 kg non-returnable containers