

# AFCONA-2791



## **Chemical Composition**

Polysiloxane defoamer containing defoaming particles

## **Product general description**

AFCONA-2791 is a polysiloxane defoamer suitable for solvent-based systems, like polyurethane, UV-curing and unsaturated silk printing ink systems, as well as for solvent-free epoxy resin systems.

## **Product Properties**

AFCONA-2791 is designed for solvent-based systems where it exhibits excellent anti-foam and de-aeration features.

It also effectively eliminate micro bubbles.

It is suitable for high viscosity, solvent-based and solvent-free coating and ink systems to prevent foam and remove air bubbles.

AFCONA-2791 is recommended for:

- 1) Solvent-free and solvent-based two-component epoxy resin systems.
- 2) Solvent-free and thick-film polyurethane systems.
- 3) Solvent-based or solvent-free screen printing ink systems.
- 4) Pigmented paint systems. For varnish systems, compatibility with the resin system must be evaluated, prior to any industrial production.

## **Product Specification**

Non-volatile matter  $\geq 96\%$  (120°C, 0.5h)

Density 0.90 - 0.94 g/cm<sup>3</sup> (20°C)

Flash point  $> 100^\circ\text{C}$

Appearance Slightly hazy liquid (25°C)

## **Addition and dosage**

0.2-0.8% based on total formulation. Under normal conditions, the dosage is 0.5-0.8% for solvent-free formulation and 0.2-0.6% for solvent-based system based on total formulation.

## **Incorporation**

AFCONA-2791 can be incorporated at any stage of production. After addition, shear force must be applied to ensure homogeneous mixing with the system.

## **Storage**

AFCONA-2791 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

## **Packaging**

25kg and 180kg non-returnable containers

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

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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This version replaces all previous ones.