

AFCONA-2590E



Chemical Composition

Modified polysiloxane aqueous emulsion defoamer

Product general description

A water-based emulsion defoamer for general industrial paints, wood coatings and other applications. It prevents foam formation, breaks subsurface foam, and helps minimize the risk of craters and fish eyes.

Product properties

AFCONA-2590E is a pre-emulsified polysiloxane defoamer of easy incorporation into water-based coating systems with a low risk of cratering, good wetting and leveling properties.

AFCONA-2590E rapidly migrates to the surface to eliminate air bubbles, even in high solid, high viscosity systems. It is also effective against micro-foam caused by spraying and roller coating processes.

AFCONA-2590E is recommended for:

- 1) Various water-based industrial coatings.
- 2) Water-based inks.
- 3) Water-based pigment concentrates.

Note:

- 1) AFCONA-2590E may separate when stored for a period. Ensure it is mixed well before use. It will not influence the performance.
- 2) AFCONA-2590E may freeze and be damaged if stored below 0°C. Suggested storage temperature between 5-45°C.

Product Specification

Non-volatile matter 31-35% (120°C, 0.5h)

Solvent Water

Density 0.97-1.01 g/cm³ (20°C)

Flash point ≥100°C

Appearance Milky white liquid (25°C)

Addition and dosage

0.1-2.0% on total formulation. Under normal condition, the dosage is 0.2-1.0% based on total formulation.

For pigment concentrates: 0.3-0.8%.

Incorporation

AFCONA-2590E can be added at any stage during the production process. Shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-2590E shall be stored in cool and dry place away from direct sunlight. Shelf-life is 2 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 200kg non-returnable containers

SVHC (Substances of Very High Concern)

SVHC content <0.1%

For product safety information: please take reference of SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.