

AFCONA-3232



Chemical Composition

Polyether-modified polysiloxane.

Product general description

Additive designed as slip and leveling for solvent-based coatings.

Product properties

AFCONA-3232 is the solvent-free version of AFCONA-3033.

AFCONA-3232 is an end-modified special polysiloxane that enhances the coating slip performance and surface smoothness. The slip characteristic offers a dry feel, making it very suitable for wood coatings and thermoplastic character resins.

AFCONA-3232 has excellent compatibility properties, making it very suitable for clear coatings. However, good compatibility also comes with more foam stabilization.

Therefore, in foam sensitive systems, defoamers like AFCONA-2020, AFCONA-2022 and AFCONA-2045 should be used to eliminate the extra foam generated.

Anyway, for normal conventional spray systems, that extra defoamer addition might not needed.

AFCONA-3232 is recommended for:

- 1) All wood coating systems based on NC, acid curing and polyurethane. It also can be used in UV coatings, where transparency of the coating is needed.
- 2) Thermoplastic acrylic and NC systems. It gives very good slip and leveling properties for these systems.

Note: AFCONA-3232 may turn cloudy/haze and gel-like below 8°C. Heating to return to a homogeneous state. It will not influence the performance.

Product Specification

Non-volatile matter	≥95% (120°C, 0.5h)
Density	1.06 - 1.08 g/cm ³ (20°C)
Refractive index	1.440 - 1.460 (25°C)
Gardner color	Max. 3
Flash point	>100°C
Appearance	Clear, pale yellow/ slightly haze liquid (25°C)

Addition and dosage

0.05-0.50% on total formulation. Under normal conditions, the dosage is 0.05-0.25% based on total formulation.

Incorporation

AFCONA-3232 can be incorporated at any stage of production. Adding it during the dispersion process speeds up wetting.

Storage

AFCONA-3232 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

30kg and 210kg 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.