

AFCONA - 2524



Chemical Composition

Silicone containing defoamer in emulsion form for water-based system.

Product general description

AFCONA – 2524 is an effective water-based defoamer for PU and Acrylic based emulsions.

Product properties

AFCONA – 2524 is a silicone based defoamer specially developed for all kind of water-based systems. It can be used in systems with PVC 0 – 25% and is also suitable for emulsions based on a combination of acrylic and polyurethane.

The advantages of AFCONA – 2524 are:

- 1) Very easy to incorporate under low shear forces where it will not cause any craters and will not affect the leveling properties of the coating.
- 2) Next to the good defoaming properties it also works as a good leveling agent. According to the theory adding defoamers normally will affect the leveling and adding leveling agents will cause foaming. Therefore, AFCONA 2524 is the perfect balance between defoaming and leveling. If in some cases the leveling is still not sufficient, a small amount of AFCONA - 3570 or AFCONA - 3522 can be added.
- 3) Will not affect the color acceptance of the system.

Note:1) 1) AFCONA-2524 would be separated when stored for a period. Make sure well mixed before application. It will not influence the performance.

2) AFCONA-2524 will be frozen and damaged below 0°C. Suggested storage temperature between 5-45°C.

Product Specification

Solvent	water/hydrocarbon solvent
Density	0.97 – 1.01 g/cm ³ (20°C)
The refractive index	1.360 - 1.380 (25°C)
Flash point	>100°C
Appearance	White to slightly yellow emulsion (25°C)

Addition and dosage

0.1 – 2.0% on total formulation. In general at normal condition, the dosage is 0.2 – 0.3%.

Incorporation

AFCONA-2524 should be mixed at the beginning of the production/application into the system.

Storage

AFCONA-2524 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 2 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 200kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.