

# AFCONA - 3038



## **Chemical Composition**

Blend of high-boiling point aromatic petroleum solvent, ketone and ether solvents.

## **Product general description**

Designed as anti-blushing agent for thermoplastic systems, an anti solvent- popping agent for all baking paints, and acts as flow agent for solvent-based paints.

## **Product Properties**

The properties of AFCONA – 3038 and 3037 are very similar. The main difference is that AFCONA – 3037 contains a highly compatible polysiloxane and AFCONA – 3038 does not contain any silicone. Thus, in terms of leveling and anti-crater, AFCONA 3037 performs better.

In overall, AFCONA – 3038 is more polar, thus it has better solvency power than AFCONA – 3037. Therefore, it has better resin solubility, which eventually promotes better flow. This compensates the non silicone containing character. Therefore, AFCONA – 3038 is suitable for systems where silicone is not allowed or too high curing temperature systems, such as, coil and can coatings.

In general, AFCONA – 3038 have the same application usage as AFCONA – 3037.

Therefore, AFCONA – 3038 can be use as:

- 1) As anti-blushing agent for lacquer drying system like NC and Thermoplastic acrylic
- 2) Anti solvent popping and solvent boiling agent in baking paint
- 3) Additive to Prevent streaking in chlorinated rubber systems
- 4) Additive to promote flow and leveling .

## **Product Specification**

Density at 20°C	0.84– 0.88g/cm <sup>3</sup>
Refractive index	1.460– 1.480
Flash point	44°C
Appearance	Clear to slightly hazy/ colourless liquid

## **Addition and dosage**

2 - 5% on total formulation.

## **Incorporation**

AFCONA-3038 can be added in any stage of production process. It also can be added on sites where minimal stirring on hand for incorporating this product into the system.

## **Storage**

AFCONA-3038 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**

25kg and 170kg non-returnable containers

## AFCONA ADDITIVES

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

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This version replaces all previous ones.