# **AFCONA - 3285**

# **Chemical Composition**

Organically modified polyether polysiloxane

## **Product general description**

Slip and leveling agent hydroxyl functional terminated.

# **Product Properties**

This is a polysiloxane based polymer with dihydroxyl functional groups terminated at both end. This enables AFCONA – 3285 to cross-link in polyurethane system as well as in baking paints.

With the cross-linking properties AFCONA – 3285 specially is designed to give permanent slip to polyurethane coatings and baking paints.

AFCONA – 3285 is very compatible with most systems. Therefore, it could stabilize foam. Thus, in foam sensitive systems a suitable defoamer needs to be combined. For normal conventional pressure spray, additional defoamers are not needed.

AFCONA-3285 is recommended for all kind of solvent-based coatings, especially wood coatings.

# Product specification

Active ingredients  $\geq 96\%$ 

Density	$1.00 - 1.06 \text{ g/cm}^3$
Hydroxyl value	1200 gram equivalent
Flashpoint	>100 °C
Appearance	Hazy liquid with slight yellowish liquid

#### Addition and dosage

0.1-1.0% on total formulation. In general under normal conditions, the dosage is 0.2 - 0.5%based on total formulation. To prevent hand marking in PU wood coatings, the dosage needed is 1 - 3% on total formulation.

# **Incorporation**

AFCONA-3285 can be added at any stage during the production process. If added during the dispersion process, it speeds up wetting.

#### <u>Storage</u>

AFCONA-3285 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**

25 kg and 190 kg non-returnable containers

AFCONA ADDITIVES SDN BHD (711366-U)