AFCONA - 3231

**Chemical Composition**
Organically modified polyether polysiloxane

**Product general description**
Slip and levelling additive for metal and UV coatings.

**Product Properties**
AFCONA-3231 offers very good slip performance. The slip characteristic is “oily” or “wet look” appearance, which can visually enhance film thickness. AFCONA – 3231 is normally used in metal coatings, such as industrial heat-cured systems, car refinish polyurethane clear topcoats, and other vehicle paint.

AFCONA – 3231 3031 is also widely used in UV coatings due to its good leveling and slip performance. However, it does not contain any reactive functional groups that can cross-link with UV resin systems.

Due to its high surface activity, AFCONA-3231 may interfere with adhesion if recoated without sanding. If air is introduced by the application equipment, we recommend the use of small amounts of a defoamer such as AFCONA-2020 or AFCONA-2022.

AFCONA – 3231 is recommended in the following systems:
1) 2K polyurethane, in which it gives low sensitivity to inner bubbles.
2) Industrial heat-cured systems where baking temperature is below 170°C.
3) UV coatings, where it has a reduced foam stabilizing effect and good compatibility.

**Active ingredients**
> 96%

**Density at 20 °C**
0.97 - 1.01 g/cm³

**Refractive index**
1.430 - 1.440

**Flashpoint**
> 100°C

**Appearance**
transparent to slightly yellowish liquid

**Addition and dosage**
AFCONA-3231 may be added at 0.05 – 0.50% based on total formulation. Under normal conditions, 0.05 – 0.25% based on total formulation is sufficient.

**Incorporation**
AFCONA-3231 may be added at any stage during the production process.

**Storage**
AFCONA-3231 should be stored in a cool, dry place. When kept in its original, unopened container, it will keep up to 5 years from the date of manufacture. The expiration date is indicated on the container

**Packaging**
55 lb and 397 lb non-returnable containers