**AFCONA – 3522**

**Chemical Composition**
Modified polysiloxane emulsion (APE-free)

**Product general description**
Additive to improve the surface characteristics of waterbased coatings

**Product Properties**
AFCONA-3522 is a waterbased emulsion of an organically modified polysiloxane. The active ingredient is a hydrophobic polymer that gives water resistance and slip performance to the coating after drying. AFCONA-3522 promotes the general coating surface characteristics and improves the following properties:

1. crater prevention and substrate wetting
2. leveling
3. slip and surface smoothness
4. water-repellency

This product also offers low foam stabilization. AFCONA-3522 is recommended for use in all types of waterbased coatings.

**Product specification**

| Active ingredients | 34 - 36% |
| Solvents           | water    |
| Density at 20 °C   | 0.97 - 0.99 g/cm³ |
| Flashpoint         | > 100°C  |
| Appearance         | milky white liquid |

**Addition and dosage**
AFCONA-3522 may be added at 0.1 – 1.0% based on total formulation. Under normal conditions, 0.1 – 0.5% based on total formulation is sufficient.

Note: Amounts below 0.4% will not influence intercoat adhesion.

**Incorporation**
AFCONA-3522 should be added at the end of the batch preparation. For easier incorporation, AFCONA-3522 may be diluted with water.

**Shake product well before use!**

**Storage**
AFCONA-3522 should be stored in a cool, dry place and **protected from freezing**. When kept in its original, unopened container, it will keep up to 2 years from the date of manufacture. The expiration date is indicated on the container.

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