## TECHNICAL INFORMATION

**Polymeric thickener for aqueous systems**

**Composition:** Hydrophobically modified acrylic copolymer emulsion, anionic

**Appearance:** liquid

**Colour:** white, turbid

**Typical Properties:**
- Active ingredients: approx. 29%
- Viscosity: low viscous
- Density at 20°C: approx. 1.05 g/cm³
- pH (undiluted): approx. 3

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

**Properties/applications:** TAFIGEL AP 16 is a synthetic thickener designed for universal use in low to high PVC systems. In comparison to common HASE thickeners it shows a stronger associative thickening character. TAFIGEL AP 16 requires an alkaline pH-value (>8) for optimum efficiency.

**Main applications:**
- Decorative Coatings
- Industrial and wood coatings
- Architectural coatings
- Adhesives
- Printing inks
- Paper coatings

**Recommended levels/use:** TAFIGEL AP 16 is supplied as low viscous emulsion. Neutralisation results into a high viscous solution. Ladder studies are recommended to determine optimum addition levels. Normal dosage ranges from 0.1 - 4.0 % on total formulation.

**Storage/handling:** TAFIGEL AP 16 is sensitive to freezing and temperatures above 50°C and should be stored between 5 and 25°C. The product must be stirred well before use. The minimum shelf life in closed containers is 15 months from the date of manufacture.

**Packaging:** Totes holding 1000 kg net, drums holding 150 kg net and kegs holding 25 kg net.