PAT-ADD DA 202 is a non-ionic wetting agent for use in dispersion paints and colorants. PAT-ADD DA 202 is APE-free and replaces products such as alkyl phenol ethoxylates, which are banned in certain areas based on high toxicity concerns. PAT-ADD DA 202 is extremely low foaming.

**PHYSICAL CHARACTERISTICS:**

- **Appearance:** Pale yellow liquid
- **Viscosity @ 25°C, approx.:** 1200 cPs
- **Specific gravity @ 25°C approx.:** 1.090
- **Polarity:** Non-ionic
- **Solids content, approx.:** 72%

**PROPERTIES:**

PAT-ADD DA 202 is a multi-applicable wetting agent for use in waterborne systems. The product is typically used in dispersion paints in conjunction with polycarboxylic dispersion agents, such as PAT-ADD DA 101 or 103. PAT-ADD DA 202 is very suitable for use in universal colorants, as designed for tinting purposes of waterborne and solvent borne paints. PAT-ADD DA 202 optimises colour development, paint stability, when added prior to milling.

**MAIN BENEFITS ARE:**

- Optimises colour development
- Strong prevention of pigment flocculation, floating, flooding, and pigment settling
- Maintenance of efficiency even after storage - stable viscosity
- Limits risk of phase separation
- Universal usage for dispersion paints and aqueous colorants

**DOSAGE AND ADDITION:**

The optimal amount of PAT-ADD DA 202 to be used is system related, but generally is between 0.1 and 0.5% PAT-ADD DA 202, calculated on the total weight of paint formulation.

The product is best added to the mill-base before the pigments, extender. For use as wetting agent in universal colorants higher dosages are required, generally 2 to 10% PAT-ADD DA 202 on total weight of the colorant.

The optimum concentration to be used depends on the individual requirements and conditions.

*For information on handling and safety please refer to the information from the Material Safety Data Sheet*