TECHNICAL INFORMATION

Wetting and dispersing agent for non-aqueous systems

Composition:
Electroneutral salt of high molecular weight fatty acid derivates dissolved in xylene and isobutanol

Appearance:
liquid

Colour:
brown, clear

Typical Properties:
Active ingredients: approx. 50 %
Viscosity: thin fluid
Density at 20°C: approx. 0.92 g/cm³
Flash point: approx. 25 °C
Solubility: soluble in common solvents

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:
METOLAT LA 524 is an universal wetting and dispersing agent. It is recommended for all solvent borne paint and lacquer systems to prevent flocculation and to improve grinding. It is suitable to disperse Bentone™ gelling agents. (Bentone™ is a trademark of Elementis Specialities.).

Recommended levels/use:
Ladder studies are recommended to determine optimum levels. Normal dosage ranges from 0.25 to 1.0 % on total formulation. The optimum treat levels should be added when using wetting and dispersing agents. The overdosage might reverse their effect. As a general rule, organic pigments require more wetting and dispersing agent than inorganic pigments.
For most efficient use as a grinding aid, METOLAT LA 524 should be added early in the manufacturing process. However, the post addition to the finished paint is possible to eliminate flocculation or settling.
The addition of METOLAT LA 524 is recommended for stabilizing of highly concentrated Bentone pastes (10 - 15 %). It should be added to the solvent before dispersion of the Bentone. The optimum level may be up to 5 % on finished paste.

Guide formulation:
86.7 - 75.0 % Naphtha
10.0 - 15.0 % Bentone
3.3 - 5.0 % Propylene carbonate/Water (95:5)
up to 5.0 % METOLAT LA 524

Storage/handling:
METOLAT LA 524 is a flammable liquid and must be stored in a solvent aera. It is not sensitive to freezing.
The minimum shelf life in closed containers is 15 months from the date of manufacture.

Packaging:
Drums holding 190 kg net.