
Technical Information Sheet

Paint / Coating Chemicals

Polymeric Dispersing Agent

MERCOLAN RN-40

Mercolan RN-40 is sodium salt of polyacrylic acid in aqueous solution. It can be used in emulsion paints, PVC as a wetting and/or dispersing agent. Very often it is combined with commercial polyphosphates and is applicable with all kinds of frequently used dispersions like homo and copolymers. It will give high gloss and is very stable with glycols.

Application

Mercolan RN-40 is an ideal dispersing agent for a wide range of water-borne coatings. It is added in the process to the base before adding pigments and fillers and also before starting the dispersing process. The dosage needed for an optimum dispersing process depends on the type and amount of actual pigments and fillers.

Trials must be carried out to determine any incompatibilities in case of significant overdose which effects the water sensitivity of emulsion paints in a negative sense.

Properties

Appearance	: Clear yellow viscose liquid
Nature	: Sodium salt of polyacrylic acid
Solid content	: 40 ± 1 %
Viscosity	: 100 - 400 m.Pa.s
Density	: 1.29 - 1.30 gr/cm ³
Ionity	: Anionic
pH (1:10 solution)	: 8 - 9
Packing	: 100 or 200 Kg Plastic or Steel drums or 1000 Kg IBC tanks

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NOTE: According to our best knowledge and technical experiments, the above data is true and accurate. Regarding to variety of consumption procedures, it is recommended to evaluate the information before use.

