



COATGEL 340

Product Description:

Coatgel 340 is an organic bentonite clay high-efficient thixotropic gelatin like which is applicable to the low, medium and high-polarity solvent system of the aliphatic, alkyl halides, vegetable oil, aromatic hydrocarbon, or the mixture solvent with the aromatic hydrocarbon and the vinegar, ketone, ester, ether, alcohol and etc.

Product Specifications:

Composition	: organic amine derivative of monomorillonite
Appearance	: fine light white powder
Moisture	: (2hr.105 c) % \leq 3.5
Granularity of dry powder	: (over 0.076mm) % \geq 95
Piling density g/cm ³	: \leq 0.43
Loss by burning (1000 c)%	: \leq 35
Heavy metal content	: (pb)mg/kg \leq 10
Arsenic content	: mg/kg \leq 5

Usage:

The coat gel 340 is used with the pre-gel and the dry powder methods, both which require the Polarity activator (eg, 95% ethanol or methanol) to strengthen the viscosity reinforcement of the gelatin. The amount of the coat gel 340 needed is 0.2-2.0% of the total amount of the system, and the activator needed is 45-50% of coat gel 340.

Pre-gel method (recommended), the process for making the pre-gel containing 10% Coat gel 340 described as follows:

Solvent	: 88-91%
Coat gel 340	8-6% : agitated at medium speed for 5-10 minutes.
Polarity activator	4-3% : dispersed at high speed for 10 to 15 minutes.

The above pre-gel can be added in at any phase during pain mixing, preferably prior to grinding.

Applications:

All solvent paint and coatings, sealing compounds, and cast coatings