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## BS-1C-A25

### Rheology Modifier

#### GENERAL INFORMATION

BS-1C-A25 is a new composite clay suitable for using in a broad range of coatings systems including epoxies and unsaturated polyesters. BS-1C-A25 imparts excellent sag resistance, thixotropy and suspension property.

#### ADVANTAGES

- ☆ Easy to incorporate-no need for chemical activator.
- ☆ Particularly suitable for solventless epoxy system&high polarity system
- ☆ Dust free addition
- ☆ Strong pseudoplasticity

PHYSICAL PROPERTES	RECOMMENDED USE
Composition: Amine-treated clay	<ul style="list-style-type: none"><li>• Construction paint (sewing agent)</li></ul>
Color/Form: Pale yellow free flowing powder	<ul style="list-style-type: none"><li>• Anti-Corrosion paint (solventless epoxy)</li></ul>
Moisture: < 10.0%	<ul style="list-style-type: none"><li>• Industrial paint(UPR)</li></ul>
Fineness : 98% Min thru 325 mesh	<ul style="list-style-type: none"><li>• Hot melt marking paint</li></ul>
	<ul style="list-style-type: none"><li>• Adhesives, caulks and sealants</li></ul>
	<ul style="list-style-type: none"><li>• Cleaning agent</li></ul>

#### INCORPORATIONS

BS-1C-A25 belongs to the type of unconventional organoclay group. Being self-activated organoclay, it dose not required heat or chemical activator to reach the proper activation. BS-1C-A25 can be incorporated directly into the resin. (Note: Do not add immediately after the addition of wetting&dispersing agent; Suggest to add immediately after big amount of pigment&filler. Only when the solid content is high, it can be added before filler for better wetting.)

In unsaturated and aromatic systems, preparation of a 10% pregel in styrene is



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recommended to achieve optimal efficiency. Polar activator(5-10% by wt.of clay) can be added when it is mixed with incompatible solvent.

### **RECOMMENDED LEVELS**

BS-1C-A25 is typically used at levels of 0.5% - 3% by weight of the system, depending upon the degree of thickening or other properties desired. Laboratory testing is recommended to determine optimal level.

### **HEALTH AND SAFETY DATA**

Before handling this material, read the corresponding Safety Data Sheet (SDS) for safety, health and environmental data.

### **SHELF LIFE**

BS-1C-A25 has a shelf life of at least two years from date of manufacture. Store in a cool dry place.

### **CERTIFICATIONS**

ISO 9001 Quality System, ISO 14001 Environmental Management System, ISO 18001 Safety System

**MANUFACTURER: ZHEJIANG FENGHONG NEW MATERIAL CO., LTD.**

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