DISPARLON® A650-20X
(Anti-sagging/Anti-settling agent)

DISPARLON A650-20X is a thixotropic agent in paste form consisting of a specially prepared amide swollen/dispersed in solvents. It is a version of 6900-20X now popularly used as a thixotropic agent in many formulations. This product is fortified in thixotropy and structure in order to give a stronger anti-sagging effect than conventional types. It is recommended particularly in heavy duty anti-corrosion paints where strong anti-sagging and anti-settling are required.

ADVANTAGES

● Strong thixotropy, particularly effective for anti-sagging in high build coatings.
● Less dependency on the type of resins and solvents for its maximum effects.
● Pre-activated. No need for heat activation.
● Ready to use.
● No seeding and long maintained effect.

APPLICATIONS

DISPARLON A650-20X can be used in almost all conventional and high solids solvent-based paints and coatings including alkyds, urethanes, epoxies, acrylics, acrylic/melamines, chlorinated rubbers, vinyls, and unsaturated polyesters. It is especially suited for thick coatings, and maintenance coatings with stringent antisagging/settling requirements.

INCORPORATION

A650-20X is a paste of activated particles in solvents. To obtain optimum activity, it is important to disperse without destroying the original particles. It is preferred to disperse the additive with limited shear in a short period of time.

Additive levels: 2.0 ~ 5.0 % by wt.
Method

● Post addition
Add at let down and disperse on high speed dissolver. To enable you to use this method, the paint should have an initial paint viscosity of less than 70KU. The dissolver should be run at high speeds with care taken so as to minimize air entrapment. This method is applicable to almost all types of low viscosity paints.

● Addition in pre-mix
For higher viscosity paints such as heavy duty types, add into a pigment pre-mix for coarser dispersion and grind the pre-mix on sand grind mill or dynamill to a homogeneous dispersion. Care must be taken to avoid prolonged dispersing. This method is widely accepted because of its simplicity.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White to light yellow paste</td>
</tr>
<tr>
<td>Non-volatile matter</td>
<td>20 % by wt.</td>
</tr>
<tr>
<td>Solvents</td>
<td>Xylene/Ethanol/Methanol</td>
</tr>
</tbody>
</table>

CAUTION
A650-20X can cause poor recoatability when used in oil based paints such as oil modified alkyds and alkyd melamines that are forced dried or baked. Therefore A650-20X is not recommended for use in these systems.