



## Teksperse NS9

### **High molecular weight co-polymeric dispersant**

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#### **Description:**

Teksperse NS9 is a high molecular weight co-polymer blend amine type dispersion agent designed as wetting and dispersing agent for solvent and water base coating. Teksperser NS9 designs to give the color strength and hue of pigments in paints and pigment concentrates system. Its high concentration of amine groups improves the wetting and dispersing of difference kind of pigments. Teksperser NS9 especially designed to disperse difficult organic pigment especially high color carbon blacks. Dispersion of carbon black results in coating with very high jetness and blue tone. The dispersion agent also can be used for other colors such as red, blue, green, and yellow.

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#### **Physical constant:**

<b>Appearance</b>	<b>high viscosity paste</b>
<b>Percent active, %</b>	<b>100</b>
<b>Solvents</b>	<b>None</b>

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#### **Application:**

Teksperse NS9 can be used in all types of solvent base coatings such as automotive, high performance industrial coatings, coil coatings, and others. Teksperser NS9 is especially design to give good dispersion, color performance, and stability in acrylic system. Teksperser NS9 is compatible to difference resin chemistries such as unsaturated polyester, and alkyd (long, medium, and short chain). It can be used either in millbase concentrate (resin free) or resin grind solvent and water base system.

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#### **Recommend Dosage:**

High color carbon black (Cabot M1300 or Degussa FW200 type)

**40-60% active on carbon black or 1 part of wet dispersant to 1 part of pigment**

Medium color carbon black (Cabot M900 or Degussa SS6 type)

**20-40% active on carbon black or 0.75 part of wet dispersant to 1 part of pigment**

Regular color carbon black (Cabot R400, Degussa SS4, or MA100 type)

**10-15% active on carbon black or 0.25 part of wet dispersant to 1 part of pigment**

Other colors pigment

**10-20% active on carbon black or 0.30 part of wet dispersant to 1 part of pigment**

Inorganic pigment

**5-10% active on carbon black or 0.10 part of wet dispersant to 1 part of pigment**

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