

# **Wetting and Dispersing agent DSS20000R**

**(Similar to Lubrizol 20000)**

## **First, Summary**

DSS20000R is a 100% active polymer dispersant for organic and inorganic pigments, that could improve the dispersion process and storage stability of paints and inks. The dispersant is particularly suitable for carbon black pigment.

## **Second, Physical parameters**

Chemical composition: amino acid ester copolymer solution

Appearance: light yellow liquid

Active ingredient: 100%

Density: 1.01-1.04 g/ml (25 °C)

Solvent: None

## **Third, Product characteristics**

DSS20000R improves the wettability, reduces the grinding time and viscosity of the system.

DSS20000R improves the gloss of the system and the color strength of the pigment.

## **Fourth, Application area**

Aniline inks, water-borne paints and inks, polyurethane systems, two-component acrylic systems, automotive coating systems, etc.

## **Fifth, Recommended dosage**

Inorganic pigments: 4-8%

Organic pigments: 8-15%

Titanium dioxide: 0.5-1%

## **Sixth, Usage method and packaging**

In order to obtain the best performance, the resin and solvent components should be premixed first, then DSS20000R should be added slowly and mixed evenly, and then the pigment should be added. If the sequence is wrong, it can be remedied by adding DSS20000R later, but it should be added slowly under high shear forces.

Avoid direct contact with skin. In case of accidental contact with skin, wash the exposed area immediately with soap water and pure water.

25KG, 50KG plastic barrels.

Keep away from heat and fire, store in a cool and ventilated place at 10-35 °C, and store in a sealed packaging.