

# **Super Dispersant LD-1132**

**(Similar to SOLSPERSE 32500)**

## **First, Main components**

40% active polymer dispersant in butyl acetate solution

## **Second, Technical information**

Appearance: amber liquid

Boiling point: about 126.5 °C

Density (20°C): 0.98-1.05 g/cm<sup>3</sup>

Flash point: 23 °C

Active ingredient: 40%

## **Third, Scope of application**

Automotive original paints, automotive repair paints, industrial coating systems, coil coating systems, furniture paints, gravure printing inks.

## **Forth, Features**

LD-1132 is mainly used for dispersion of organic pigments and carbon black in solvent-borne coating systems. The specific anchor groups and special unfolding chain of the polymer provide quick pigment wetting in the organic solvent medium. Polymer firmly adsorbs on the pigment surface to form a protective layer that prevents the re-aggregation of the dispersed pigment particles. Thus, the viscosity of the system is significantly reduced and the grinding time is greatly shortened. The resulting pigment paste has high pigment content, high color strength, high gloss, excellent anti-flocculation stability and dispersion stability. LD-1132 is mainly used for dispersing phthalocyanine blue and phthalocyanine green pigments in 1K and 2K hydroxypropyl resin original automotive paints and automotive repair systems. It could provide moderate transparency, if diluted with aluminum paste and bright color. The dispersed matting agents and pearlescent pigments also have excellent performance. High color strength of carbon black pigment could be obtained. LD-1132 is mainly used for the dispersing of carbon black systems with high pigment content and phthalocyanine blue and green pigments in PE coil coating systems and industrial paints. The best results can be obtained.

## **Fifth, Recommended dosage**

15% - 45% upon weight of organic pigment.

50% - 120% upon weight of carbon black.

## **Sixth, Storage and packaging**

Store in a cool and dry place. When unopened, it is valid for 2 years.

Packed in 25kg or 200kg plastic lined iron drum.