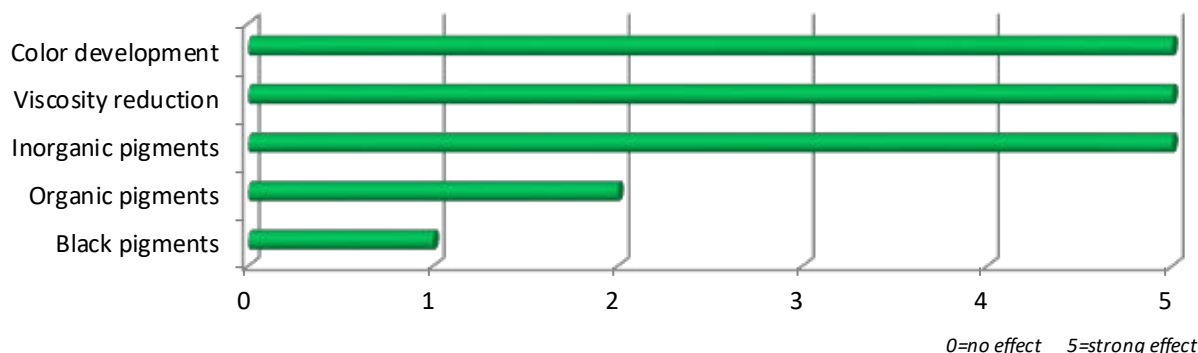


# UNIQ<sup>®</sup> SPERSE P-144

Wetting and dispersing additive for filled unsaturated polyesters



**UNIQ<sup>®</sup> SPERSE P-144** is a wetting and dispersing additive for filled unsaturated polyester, acrylic and epoxy resins to reduce the viscosity and prevent settling. Strong viscosities reduction so higher pigment and filler loading in the grinding process can be achieved. For fiber-reinforced spray up and hand lay-up resins.

## Special Features

- Wetting and dispersing agent for TiO<sub>2</sub>, inorganic pigments and fillers
- Reduce the viscosity
- Increase the pigment and filler loading
- Excellent wetting

## Application

Ambient curing systems	
UPE	■
Acrylic	■
Epoxy	■
Adhesives and sealants	
Epoxy	■
Acrylic	■
PU	■

highly recommended ■  
recommended □

## Product Specification

Active ingredients	50 %
Density 20°C	0.86 g/cm <sup>3</sup>
Acid value	35 mg KOH/g
Amine value	20 mg KOH/g
Appearance	Brownish clear liquid

## Addition levels

Amount of solid additive based on pigment (SOP):

- Fillers/pigments: 0.5 – 1.5%

The above recommended levels can be used for orientation and needs to be optimized by testing.

## Packaging

- 22 kg
- 170 kg

## Shelf life

**UNIQ<sup>®</sup> SPERSE P-144** should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture.