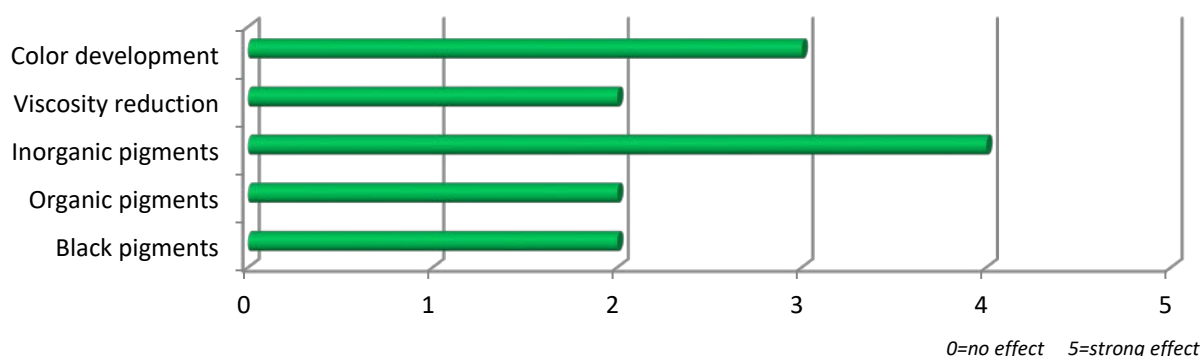


# UNIQ<sup>®</sup> SPERSE P-904

Pyrogenic silica rheological effectiveness additive



**UNIQ<sup>®</sup> SPERSE P-904** is a wetting and dispersing additive in unsaturated resin systems and adhesives. It's no silicone dispersant. The additive prevents the flooding/floating and settling of pigments and fillers in epoxy and VE/UP-based laminates. Reduction in the flooding/floating of colored pigments in gel coats. And it can reinforce the rheological effectiveness of pyrogenic silica to increase and stabilize the thixotropic behavior.

## Special Features

- Prevention of flooding and floating
- Reduce dispersion time
- Reduce tendency of Bernard cells
- Stabilization of the pigment dispersion
- Decrease pigment sedimentation
- Reinforce the rheological effectiveness of pyrogenic silica

## Application

Ambient curing system	
Vinyl/UP	■
Epoxy	■
Adhesives and sealants	
Vinyl/UP	■
Epoxy	■
Pultrusion	
Vinyl/UP	■

highly recommended ■

recommended □

## Product Specification

Active ingredients	50 %
Solvents	Hydrocarbons C9 aromatics/Xylene/MIBK
Density 20°C	0.95 g/cm <sup>3</sup>
Acid value	140 mg KOH/g
Color	Max.12
Appearance	Brownish liquid

## Addition levels

Amount of solid additive based on pigment (SOP):

- Inorganic pigments: 1 – 2.5 %
- Titanium dioxides: 0.5 – 2 %
- Organic pigments: 1 – 3 %
- Fillers: 1 – 2 %
- Fumed silica: 5 – 40 %

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

## Packaging

- 25 kg
- 180 kg

## Shelf life

**UNIQ<sup>®</sup> SPERSE P-904** 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.

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UNIQ<sup>®</sup>FOAM, UNIQ<sup>®</sup>FLOW, UNIQ<sup>®</sup>WET, UNIQ<sup>®</sup>SPERSE, UNIQ<sup>®</sup>LIGHT, UNIQ<sup>®</sup>COLOR, UNIQ<sup>®</sup>MICA, UNIQ<sup>®</sup>CURE, UNIQ<sup>®</sup>JET

This information is given to the best of our knowledge. Because of the multitude of formulations, production and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor.

No liabilities, including those for patent rights, can be derived from this fact for individual cases.

This datasheet replaces all previous issues – Printed in UK

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