

OptSperse OS45

TECHNICAL DATA SHEET
VERSION 08/2025



Characteristics :

- OptSperse OS45 is a Sodium salt of Polyacrylic acid derivative. It provides an economical and effective dispersant for Pigment and extender dispersion in water at lower dosage levels.
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TECHNICAL DATA

KEY FEATURES

- Suitable for low to high PVC paints
- Suitable for pigment slurries of titanium dioxide and extenders
- Improves colour development
- Cost effective solution
- Effective Steric stabilization of pigments

PROPERTY	VALUE
Appearance	Clear to slight hazy
Specific Gravity	Approximate 1.015
pH (1% aqueous solution)	5 to 7
Solid Content	45 +/-2%

Recommended Dosage:

- 0.10 – 0.80% depending on the formulation

Preservation and storage:

- Recommended storage condition is in a dry, cool and airy place, at temperatures not exceeding 25° C in its original container properly sealed.
- Opened containers should be closed after use.
- OptSperse OS45 has a shelf life of 1 year from date of manufacture