



# DongGuan SailAdditive

## Product technical documentation (TDS)

### S-4010 Dispersing Additives

**Structure or Component:** Modified polyurethane polymer

**Features and Applications:** Similar to EFKA 4010, As a high-performance modified polyurethane dispersant (comparable to EFKA 4010), this additive is engineered to maximize pigment efficiency across all solvent-based coating systems. It significantly enhances dispersion efficiency and reduces grinding time, offering superior viscosity-reducing dispersibility and wetting performance. Specifically optimized for inorganic fillers and pigments—such as titanium dioxide and calcium carbonate—it ensures a stable, uniform grind. The product also features robust anti-settling properties, effectively preventing floating, flooding, and mottling in demanding applications like floor, coil, and automotive coatings. Furthermore, it optimizes the orientation of matte powder and boosts surface gloss, making it a highly versatile, universal dispersant for achieving flawless, high-brilliance finishes in solvent-borne color paints.

#### Technical data

Exterior:	Yellow transparent liquid
Viscosity (25°C , mm <sup>2</sup> /s)	1000-2000
Non-volatile matter content (120°C/2, %)	100

#### Application and addition amount:

##### Applications:

All solvent-based, water-based coatings, and inks.

Automotive Coatings, Coil Coatings, Wood Coatings

Floor Coatings, General Industrial Coatings, Plastic Coatings & Inks

##### Usage & Dosage:

Recommended Dosage: \* Standard: 0.1% – 5% of the total formula, UV & Water-based: 0.3% – 1.0% of the total formula.

Incorporation: Add during the paint mixing stage to ensure optimal distribution

Package: 25L/Barrel or 200L plastic/steel Barrel.

Store: Store in airtight container for 24 months, Store in a cool, dry place.

Transportation: transport as non-hazardous chemicals.

#### Special Note: Special Note:

The technical parameters provided in this document are typical values for reference only and are not intended as product acceptance standards. Changes may be made without notice. Due to differences in usage conditions, we cannot guarantee the correctness and applicability of the product for certain uses and purposes, and do not assume any liability for any direct, indirect, or accidental losses arising therefrom. Users should conduct relevant tests or consult our technical staff before using the product