

# NACO-DS 1020

## Wetting and Dispersing Additive (Solvent Based)

Solvent-free, low-dosage wetting and dispersing additive for solvent-based and solvent-free coatings and printing inks as well as pigment concentrates for stabilizing fillers, organic, inorganic, and carbon black pigments. Slightly increases in the viscosity of final coatings and is suitable for managing viscosity and sagging properties.

### Product Data

**Composition:** Polycarboxylic acid

#### Typical Properties:

**Note:** This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product.

<b>Physical Form:</b>	Clear dark yellow viscous liquid
<b>Active Content:</b>	100%
<b>Density (20 °C):</b>	0.90-0.95 g/ml
<b>Acid Value:</b>	180-200 mg KOH/g
<b>Non-volatile matter (10 min., 150 °C):</b>	100%

### Applications

**Applications > Recommended for > Particularly Recommended:** Coatings > Solvent based systems > Alkyd systems

#### Recommended Levels:

**Note:** The properties and performance of the additive are greatly dependent upon the specific formulation in which it is utilized and, consequently, should always be tested (possibly at different treatment levels, temperatures, and/or time intervals) to verify performance before use.

<b>Based on</b>	
<b>Total formulation weight:</b>	0.2%
<b>Titanium dioxide:</b>	2%
<b>Organic pigments:</b>	3-4%
<b>Carbon black:</b>	6-8%

**Special Feature:** Slight increase in paint viscosity

**Incorporation and Processing Instructions:** For optimum performance, the additive must be incorporated into the mill base before the addition of pigments.

**Storage and Transportation:** Separation or turbidity may occur at low temperatures. Heat to 30-40 °C and stir. The minimum shelf life in closed containers is 12 months from the date of manufacture.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.