

# Disponer 923S

## Wetting and Dispersing Agent

### GENERAL INFORMATION

**Disponer 923S** are wetting, dispersing, anti-settling agents for solvent based coatings especially in low to medium polarity. **Disponer 923S** contains compatible silicone and is more effective in the prevention of pigments flooding and floating.

### CHEMICAL & PHYSICAL PROPERTIES

Composition	electroneutral amine salt of polycarboxylic acid with modified polysiloxane
Appearance	brown slight hazy liquid
Non-volatile content	38 - 41 %
Solvent	aromatic hydrocarbon solvent
Specific gravity	ca. 0.89
Refractive index	1.491 - 1.497 (25°C)

These are typical properties not to be used for specification purposes.

### APPLICATIONS

- Ready paint
- Epoxy paint
- Alkyd / melamine
- Acid cure amino
- Chlorinated rubber

### KEY PROPERTIES

- **Disponer 923S** is effective wetting and dispersing agents for inorganic pigments in solvent based paints.
- **Disponer 923S** exhibit interfacial active property that assist pigment wetting and de-agglomerating. Dispersion time is then reduced. By their ability of adsorption on pigment surface, stable dispersion against flocculation is obtained.
- Both products are also good activator for bentonites. Bentonite pregel produced with addition of **Disponer 923S** shows the following benefits:

- reduced dispersing time
- improved anti-settling, anti-sagging efficiency
- adjustable paste viscosity, easier handling
- improved storage stability
- In addition to the above-mentioned advantages, should be reducing flooding, floating in multi-pigment systems.

### INCORPORATION

Incorporate before grinding to achieve optimum result.

In some cases, **Disponer 923S** may be used as a correction aid to overcome floating or flooding, however, sufficient mixing is required.

Disponer 923S may cause discolouration when used in nitrocellulose coatings.

### LEVELS OF USE

As dispersant: 0.5 - 2.0 % based on total pigments.

As bentonite activator: 30 - 50 % based on benton.

### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

### STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

Below 5 °C, appearance may be cloudy or separation, please heat water bath to clear then stir to uniform.

It should be stored in its sealed original containers.

## Disponer 923S

### SHELF LIFE

**Disponer 923S** has a shelf life of 18 months from date of manufacture.

### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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