

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.

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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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