

Disponer 923

Wetting and Dispersing Agent

DESCRIPTION

Disponer 923 are wetting, dispersing, anti-settling agents for solvent based coatings especially in low to medium polarity.

TYPICAL PROPERTIES

These values are used as reference. For detailed product specifications, please contact our distributor or sales department.

Composition	: electroneutral amine salt of polycarboxylic acid
Appearance	: brown to slight hazy liquid
Non-volatile content	: 48 - 52%
Solvent	: aromatic hydrocarbon solvent
Specific gravity	: ca. 0.89
Refractive index	: 1.488 - 1.498 (25°C)

FEATURES

- Disponer 923 are effective wetting and dispersing agents for inorganic pigments in solvent based paints.
- Disponer 923 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. They also retard pigment sedimentation. Once sedimentation forms, it can be easily re-dispersed with mild agitation.
- Both products are also good activator for bentonites. Bentonite pregel produced with addition of Disponer 923 shows the following benefits:

- ♦ reduced dispersing time
- ♦ improved anti-settling, anti-sagging efficiency
- ♦ adjustable paste viscosity, easier handling
- ♦ improved storage stability

APPLICATIONS

- ready paint
- epoxy paint
- alkyd / melamine
- acid cure amino
- chlorinated rubber

DOSAGE & USE

- As dispersant
0.5 - 2.0% based on total pigments.
Incorporate before grinding to achieve optimum result.
In some cases, Disponer 923 may be used as a correction aid to overcome floating or flooding, however, sufficient mixing is required.
- As bentonite activator
30 - 50% based on bentonite.

Example

<u>Parts by weight</u>	
Bentonite	10
Disponer 923	3 - 5
Solvent	85 - 87
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	100

The data presented is the result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made.

PACKAGE

Net Weight: 180 kg / 25 kg

STORAGE

- Keep away from sources of ignition and heat.
- Keep container tightly closed in a dry and well-ventilated place.
- Stored between 0°C and 40°C.
- Below 5°C, appearance may be cloudy or separation, please heat to clear than stir to uniform.
- It should be stored in its sealed original containers.

SAFETY

- As it contains a solvent, the product requires special care in handling.
- Avoid eye and skin contact.
- For further information please check MSDS.

NOTES

Disponer 923 may cause discolouration when used in nitrocellulose coatings.