

Wetting and Dispersing Agent

GENERAL INFORMATION

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

PHYSICAL PROPERTIES

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)

APPLICATIONS

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

KEY PROPERTIES

- 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

INCORPORATION

- Incorporate before grinding to achieve optimum result.

LEVELS OF USE

- As dispersant
0.5 - 2.0% based on total pigments.
- As bentonite activator
30 - 50% based on benton.

HANDLING AND SAFETY

- As it contains a solvents, the product requires special care in handling.
- Avoid any eye and skin contact.
- For further information please check to MSDS.
- Disponer 923 may cause discolouration when used in nitrocellulose coatings.

STORAGE RECOMMENDATIONS

- Keep away from sources of ignition and heat.
- Keep 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 to clear than stir to uniform.
- It should be stored in its sealed original containers.

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PACKAGING

Net Weight: 180 kg / 25 kg

SHELF LIFE

Disponer 923 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.

[Elementis Specialties, Asia](#)

Head Office

99, Lianyang Road, Songjiang
Industrial Zone, Shanghai,
China 201613
Tel.: +86 21 57740348
Fax.: +86 21 57743563

Taiwan

92, Kuang-Fu North Road, Hsinchu
Industrial Park, Hukou,
Hsinchu, Taiwan
Tel.: +886 3 5984035
Fax.: +886 3 5983301

Malaysia

Lot PT 55, 64 & 65,
Jalan Hulu Tinggi 26/6, Seksyen 26,
40400 Shah Alam Selangor Darul
Ehsan, Malaysia
Tel.: +603 5191 9979
Fax.: +603 5191 6811

Japan

15-14 Minaminisemba 1-Chome
Chou-Ku, Osaka
542-0081 Japan
Tel.: +81 6 6267 6210
Fax.: +81 6 6267 6213