

# Disponer 912

## Wetting and Dispersing Agent

### DESCRIPTION

A most effective wetting and dispersing additive to improve the wetting of pigment surfaces, wood surfaces and organically treated Bentonites.

### TYPICAL PROPERTIES

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

Composition	: solution of a salt of polyamide and polyester, electroneutral
Appearance	: yellow brown clear liquid
Non-volatile content	: 48 - 52%
Solvent	: xylene / Isobutyl alcohol
Specific gravity	: ca. 0.91
Acid value	: 24 - 34 mg KOH/g
Refractive index	: 1.482 - 1.492 (25°C)

### FEATURES

- Disponer 912 is an excellent wetting, pigment grinding and anti-flocculation aid in cases where the hydrophilicity of the pigments normally makes their dispersion in hydrophobic binders difficult or impossible.
- Be recommended to add into the wood primer in order to improve the wetting of the wood surface and enhance the releasing of air encapsulate.
- Significantly Disponer 912 can improve the wettability of pigments; at the same time, the grinding time is reduced, and the hiding power as well as the gloss of the paints film increased. In combination with bentonite type materials, the gelling properties of the corresponding pastes are very favorably influenced; at a correct dosage level, even pumpable pastes can be produced without fear of crusting or formation of hardened edges in practice.

### APPLICATIONS

- Disperse of inorganic pigment for solvent-based systems.
- Activator of bentonite.
- Gravure printing inks/Screen printing inks.

### DOSAGE & USE

- Inorganic pigment: 0.2 - 5.0% based on inorganic pigment.
- 0.2 - 0.4% based on wood primer.
- 0.2 - 0.4% for wood coatings.
- For organic bentonite pregel gels use 10 - 50% on the organic bentonite.
- We suggest the alcohol and acetate solvent must be added after grinding stage.

### 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.
- At temperature above 40°C the product may change color during storage, please restores to 10 - 40°C, it has no influence on product.

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.

## **SAFETY**

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