

## Disponer 912

### Wetting and Dispersing Agent

#### GENERAL INFORMATION

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

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	solution of a salt of polyamide and polyester, electro neutral
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)

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

#### APPLICATIONS

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

#### KEY PROPERTIES

- **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.

#### INCORPORATION

We suggest the alcohol and acetate solvent must be added after grinding stage.

Incorporated before grinding, dispersing with pigment.

#### LEVELS OF USE

Inorganic pigment: 0.2 - 5.0 % based on inorganic pigment.

0.2 - 0.4 % based on wood primer.

For organic bentonite pregel gels use 10 - 50 % on the organic bentonite.

#### HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

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.

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

*continued...*

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### SHELF LIFE

**Disponer 912** has a shelf life of 2(two) years from date of manufacture.

### QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

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