

## 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.

### 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	1.489 - 1.493 (25°C)

### APPLICATIONS

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

### KEY PROPERTIES

- Disponer 912A 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 912A 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.

### HANDLING AND SAFETY

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

## 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.
- Because of chemical nature, the color of product may become darker upon storage, especially at high temperature. It has no influence on performance.
- At low temperature, the appearance may become cloudy, please heat to clear and stir to uniform.

## PACKAGING

Net Weight: 180 kg / 25 kg

## SHELF LIFE

Disponer 912A has a shelf life of 12 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

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