

## Adherent ADP

### Adhesion Promoter

#### GENERAL INFORMATION

**Adherent ADP** is an additive to improve adhesion of paint film especially on non-ferrous substrates. It is mainly used in stoving paints.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	non-silicone polymeric compound
Appearance	clear liquid
Non-volatile content	78 - 82 %
Solvent	isopropanol
Specific gravity	1.08 - 1.10
Acid value	60 - 80 mg KOH / g

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

#### APPLICATIONS

- Alkyd / melamine
- Acrylic / melamine

#### KEY PROPERTIES

- To promote adhesion of stoving paints on difficult non-ferrous substrates such as aluminum, zinc, copper, brass, electroplated steel etc.
- To improve the flexibility and impact resistance of paint film.
- Thermo-stable that does not discolor at elevated temperature.
- No side-effect of shelf-life.

#### INCORPORATION

The dosage depends on the adhesion property of resin as well as the substrate to be applied on. Adherent ADP is incorporated during the any stage.

#### LEVELS OF USE

1.5 - 2.5 % based on total formulation.

#### HEALTH AND SAFETY

Due to its acidic structure, loss of gloss may occur when **Adherent ADP** is combined with certain basic pigments. It is therefore recommended to check before practical application.

Haze or separation may be found when **Adherent ADP** is stored under low temperature after a period of time. It can be recovered by carefully heating without influence on performance.

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.

Below 5 °C appearance may be to cloud or solid-like, please heat(water bath) to clear then stir to uniform.

Packing not to be exposed directly under heat radiation.

*continued...*

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### SHELF LIFE

**Adherent ADP** 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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