

## 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.

### 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                |

### 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.

### HANDLING 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.
- 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 .
- Below 5°C appearance may be cloudy or solid-like, please heat (water bath) to clear then stir to uniform.
- Packing not to be exposed directly under heat radiation.

### PACKAGING

Net Weight: 200 kg / 25 kg

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## **SHELF LIFE**

Adherent ADP 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.

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