

## Adhesion Promoter

### GENERAL INFORMATION

Adherent 1121 is an adhesion promoter for solvent-based air-dry paints in glass and metal substrates.

### PHYSICAL PROPERTIES

Composition	amino silane
Appearance	colorless to yellow clear liquid
Active content	ca. 50 %
Solvent	n-butanol
Specific gravity	0.89 - 0.92
Refractive index	1.419 - 1.422 (25°C)

### APPLICATIONS

- Epoxy coatings
- Silicone resin based coatings
- Alkyd coatings

### KEY PROPERTIES

- To improve adhesion of air-dry alkyd paint to glass and metal substrates.
- To improve adhesion of epoxy coating film when subjected to high humidity conditions or water immersion.
- To enhance salt spray resistance.

### INCORPORATION

- Adherent 1121 used in epoxy system, it should be blended with curing agents. Please check the curing agent dosage and test compatibility before use.
- Adherent 1121 reacts to isocyanate and phenolic aldehyde amine systems curing agent. Please check the curing agent type before use, to avoid products gel.
- Before application, removed oil or liquid water of substrate or else reduce adhesion

### LEVELS OF USE

1 - 2 % based on total resin solids, add during let-down stage.

### HANDLING AND SAFETY

- Adherent 1121 contains amino, after storage for a long time, the appearance will become brownish and no side-effect on the 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.

### PACKAGING

Net Weight: 25 kg

*NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.*

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## **SHELF LIFE**

Adherent 1121 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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