

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 improves adhesion of air-dry alkyd paint to glass and metal substrates.
- To improves adhesion of epoxy coating film when subjected to high humidity conditions or water immersion.
- To enhances 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 / 170 kg

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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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