

Adherent 1121

Adhesion Promoter

GENERAL INFORMATION

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

CHEMICAL & 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)

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

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.

HEALTH AND SAFETY

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.

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

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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