

Adhesion Promoter

GENERAL INFORMATION

Adherent APC is used in two-component polyurethane to improve adhesion of paint film on polycarbonate substrates.

PHYSICAL PROPERTIES

Composition	non-silicone polymer
Appearance	yellow viscous liquid
Color value	≤ 200 APHA
Non-volatile content	48 - 52 %
Specific gravity	ca. 1.06
Solvent	dimethyl carbonate / xylene
Acid value	≤ 1 mg KOH / g (100%)

APPLICATIONS

- Two-component polyurethane
- Plastic coatings

KEY PROPERTIES

- To improve adhesion of paint film on polycarbonate substrates.
- To improve adhesion of paint film after damp heat test or boiling water immersion test.

INCORPORATION

- It can be added at any stage in the production.
- Please check the optimum dosage before use.
- Adherent APC has few reacted hydroxyl groups, and it is possible to add an additional 1- 5 % of hardener to increase the film strength.

LEVELS OF USE

1 - 5 % based on total formulation.

HANDLING AND SAFETY

- As it contains solvents, the product requires special care in handling.
- Avoid any eye and skin contact.
- For further information please check MSDS. MSDS can be found on the company website at www.elementis-specialties-asia.com.

STORAGE RECOMMENDATIONS

- Keep away from sources of ignition and heat.
- Keep container tightly closed in a dry and well-ventilated place.
- Stored between 5°C and 40°C; below 5°C, appearance may be cloudy or separation, please heat to clear then stir to uniform.

PACKAGING

Net Weight: 25 / 200 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 APC 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.

Elementis Specialties

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