



淮安市上研化工有限公司

## AMORSO-473

### High Efficiency Adhesion Promoter

#### Introduction:

Titanium acetylacetonate, the main component of AMORSO-473, is stable in the storage state at room temperature in the form of chelation. With the volatilization of solvent, titanium acetylacetonate can cross-link with active hydrogen OH, -COOH, NH<sub>2</sub>, -CONH<sub>2</sub>, -SH in substrate and ink linker. This improves the adhesion of ink to substrate and improves the properties.

#### Features:

- improve the adhesion of ink to substrate (pretreated plastic, aluminum foil, metal, glass), etc.
- improve ink scratch resistance, fire resistance, solvent resistance and steaming resistance
- improve ink drying speed
- improve pigment dispersion in ink and the ink gloss

#### Technical data:

Composition: 75% acetylacetonate titanium alcohol

Solvent: alcohols

Appearance: red brown liquid

Viscosity: 1.02cm<sup>3</sup>

#### Applications:

solvent inks, such as PA( polyamyl), NC( nitrocellulose), PU( polyurethane), PVB( polyvinyl alcohol butyral), CAB( butyl acetate), etc.

#### Usage and dosage:

0.5%-5% of the total weight of coating.

[The above data and specification is only for reference, customer should do the test based on different application and requirement to see if it is appropriate and suitable for their usage. ]

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