



Synthopol
**Product
NEWS**

02/2017

Synthoester TH 2532

hydroxyl-group-containing polyester resin

Synthoester TH 2532 is a hydroxyl-group-containing polyester resin for scratch resistant and self-healing 1 pack and 2 pack top and one-layer coatings.

It stands out with very good adhesion to metal, wood, glass and plastics as well as high chemical and weather resistance.

FIELD OF APPLICATION

Synthoester TH 2532 can be crosslinked with polyisocyanates for high performance, air- and forced-drying 2 pack top-coats with superb mechanical properties, such as good flow, scratch resistance, high elasticity, self healing, water repelling and surface hardness.

Furthermore another characteristic are the outstanding chemical and weather resistances, high gloss and color retention.

It can be combined with nearly all hydroxyfunctional acrylic resins.

This makes it a good choice for industrial coatings, in the automotive industry, for trains, plastics and foils, wood, pigment pastes and many more. We view the universally applicable polyester resin as a perfect addition to our portfolio.

HIGHLIGHTS

- universally applicable
- for scratch resistant and self-healing coatings
- outstanding mechanical properties
- high gloss and gloss retention
- good weather and chemical resistance
- excellent adhesion on wood, metal, glass and plastic
- high elasticity
- compatible with hydroxyfunctional acrylic resins
- low inherent color and good color stability
- good pigment uptake

PROPERTIES AND TECHNICAL DATA

supplied as	70% in butylacetate
viscosity/ 23° C	1200 - 2600 mPa*s
non-volatile content	70 +/- 1%
hydroxyl value	200 - 240
hydroxyl content	6,1 - 7,3%
color value (Gardner)	< 1
flashpoint in °C	appr. 26
density in g/ml	appr. 1,04
acid value	< 6



SAMPLING

Synthoester TH 2532 is already in scale-up.
Samples are easily available.

CONTACT

If you are interested in more information about our products (guide formulations, datasheets), please contact your known person in charge from the sales or research and development department or our headquarters directly under following references:

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