

## Synthoester TH 2844

Hydroxyfunctional, polyester resin for self-healing coatings

### FIELDS OF APPLICATION

Crosslinked with polyisocyanates for high performance, air- and forced-drying 2 pack top-coats. In combination with melamine resins or blocked polyisocyanates for baking enamels with following properties: good flow, scratch resistance (up to 1 kg weight), high elasticity, self-healing, chemical- and weather resistance. For general applications: Industrial coatings, automotive interior coatings, for trains, plastics, foils and wood a.o. Synthoester TH 2844 is a perfect addition to our existing reflow product series: SE TH 2325 and SE TH 2532

### HIGHLIGHTS

- **universally applicable**
- **for self-healing coatings**
- **improved initial scratch resistance**
- **Excellent reflow effect at room temperature**
- **Reflow effect is repeatable**
- **Steady effect after UV exposure**



**PROPERTIES AND TECHNICAL DATA**

Supplied as	70 % in butylacetate
Non-volatile content	70 +/- 1 %
Viscosity/23°C	700 – 1700 mPas*s
Hydroxyl value	180 – 220
Hydroxyl content	5,5 – 6,7 %
Flash point	ca. 26 °C
Density	ca. 1,04 g/ml
Acid value	< 6
Colour value (Gardner)	< 1

**SAMPLING**

Ordering samples of **Synthoester TH 2844** can be done easily on our website.

**CONTACT**

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

**SYNTHOPOL DEUTSCHLAND**  
 Dr. rer. pol. Koch GmbH & Co. KG  
 Alter Postweg 35  
 21614 Buxtehude, Germany

Telephone: +49 (0) 4161/7071-0  
 Telefax: +49 (0) 4161/80130

[info@synthopol.com](mailto:info@synthopol.com)  
[www.synthopol.com](http://www.synthopol.com)

