



Synthopol  
**Product NEWS**  
06/2016

# Synthalat A-BWH 2623

aqueous, hydroxyfunctional, self-crosslinking acrylic resin

**Synthalat A-BWH 2623 is an aqueous, hydroxyfunctional, self-crosslinking acrylic resin for 1-C, oven-drying clear and pigmented topcoats. The material performs well without adding catalysts at temperatures above 120 °C.**

**It stands out with exceptionally good adhesion, flexibility and chemical resistance.**

## FIELD OF APPLICATION

Synthalat A-BWH 2623 neither requires a melamine resin nor blocked isocyanates for curing. This technical feature makes it a superb choice for oven-drying clear and pigmented topcoats on surfaces like glass or metal where excellent adhesion is required.

Synthalat A-BWH 2623 also has excellent hardness along with superb mechanical, thermal and chemical resistance properties. Conventional aqueous resins can be added up to 10% to optimize the features of the finished product and also profit from the self-crosslinking effect.

## HIGHLIGHTS

- outstanding adhesion on glass and metal
- self-crosslinking
- high chemical resistance
- high UV resistance
- high thermal resistance
- for 1-C clear- and topcoats
- excellent hardness



## PROPERTIES AND TECHNICAL DATA

hydroxyl number	appr. 150
non volatile content	40 +/- 1%
viscosity/20° C	100 - 3000 m*Pas
flash point	> 100° C
density/20° C	1,05 g/cm <sup>3</sup>
pH-value/20° C	7,5 – 9,0 (20% in water)



### SAMPLING

Synthalat A-BWH 2623 is already in scale-up and 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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