

SILICONE POLYESTER RESINS

# SILIKOFTAL® HTW 3

Waterborne polyester resin for heat applications



**First waterborne  
low VOC, silicone polyester resin  
for heat resistant applications and  
suitable for food contact\***

\* for details please see the food contact information on our website [www.coatino.com](http://www.coatino.com)

## SILIKOFTAL® HTW 3 – At a Glance



### Ready for the Future

- Waterborne Resin
- Low VOC content
- Suitable for food contact application\*



### Performance

- Excellent heat resistance for cook- & bakeware
- Low thermoplasticity
- Low yellowing after thermal exposure



### Technical Application Properties

- Easy to formulate
- Storage stable
- Excellent adhesion on aluminum and steel



Click here for more information!

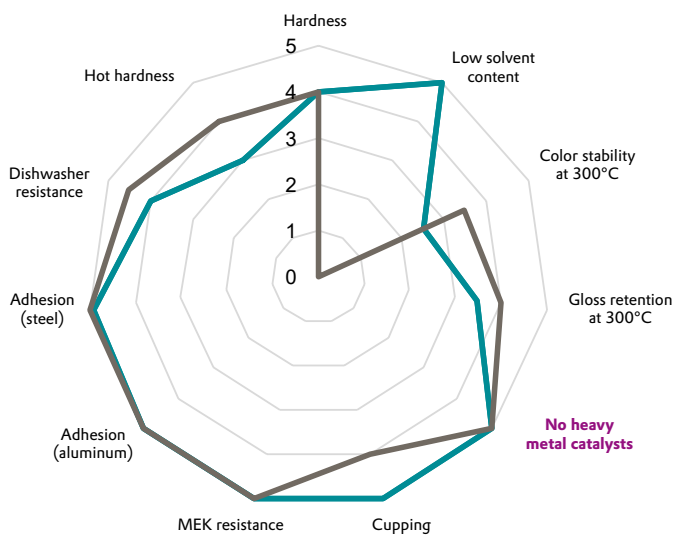
## Sustainability with Waterborne Silicone Polyesters

- First waterborne silicone polyester resin with unique properties
- Low VOC content (<1.5 g/L)
- Product suitable for oven curing food contact applications\*
- Free of heavy metals
- Flashpoint > 90 °C

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## Industrial Benchmark Transferred to the Waterborne World



### LEGEND

0 – poor  
5 – good

### FORMULATION

Raw material	p.b.w
POVAL® 3-80 solution (20% in demin. water)	25.0
AGITAN® 351	0.1
KRONOS® 2190	25.0
SILIKOFTAL® HTW 3	49.9
<b>total</b>	<b>100.0</b>

curing conditions:  
30' room temperature, 15' 220°C

— SILIKOFTAL® HTW 3  
— SILIKOFTAL® HTL 3

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**EVONIK OPERATIONS GMBH**  
 Goldschmidtstraße 100  
 45127 Essen  
 Germany  
 Phone +49 201 173-2222  
 Fax +49 201 173-1939  
[coating-additives@evonik.com](mailto:coating-additives@evonik.com)  
[www.coating-additives.com](http://www.coating-additives.com)