

## Technical Leaflet

# WorléeSol 85 A

Art.-No. 111050-00667

Revision: 06.03.09

W´Sol 85 A is an especially modified water thinnable alkyd resin for stoving systems.

### Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3682	43% ± 1
Oil content	approx. 30%
Oil type	special fatty acids
Neutralizer	dimethyl ethanol amine 1.5-2.0%
Viscosity, 20 °C, Brookfield, DIN EN ISO 2555	6,000 - 20,000 mPa·s
pH-value, DIN ISO 976	6.7 - 8.5
Appearance	clear - slight opaque
Colour, Gardner, DIN ISO 4630	max. 10
Co-Solvent	5.5 %
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.06 g/cm <sup>3</sup>
<b>Delivery form</b>	43% in water / butyl glycol

### Application and Properties:

W´Sol 85 A is especially suitable for the manufacture of water thinnable stoving systems like primers, automotive fillers, clear and top coats. The delivery form, only 5.5% cosolvent, allows formulations with a total solvent content of < 5%. As reactive partners for the curing range 140-180 °C methylated melamine resin like Cymel 303 (Cyanamid) and Maprenal MF 904 (BASF) have proved to be suitable. For the low curing range 120 - 140 °C we recommend to use also reactive melamine resins like Cymel 327 (Cyanamid), Residrol WM 501 (Hoechst) or similar.

### Recommended Storage and Transport Conditions:

2 to 25 °C

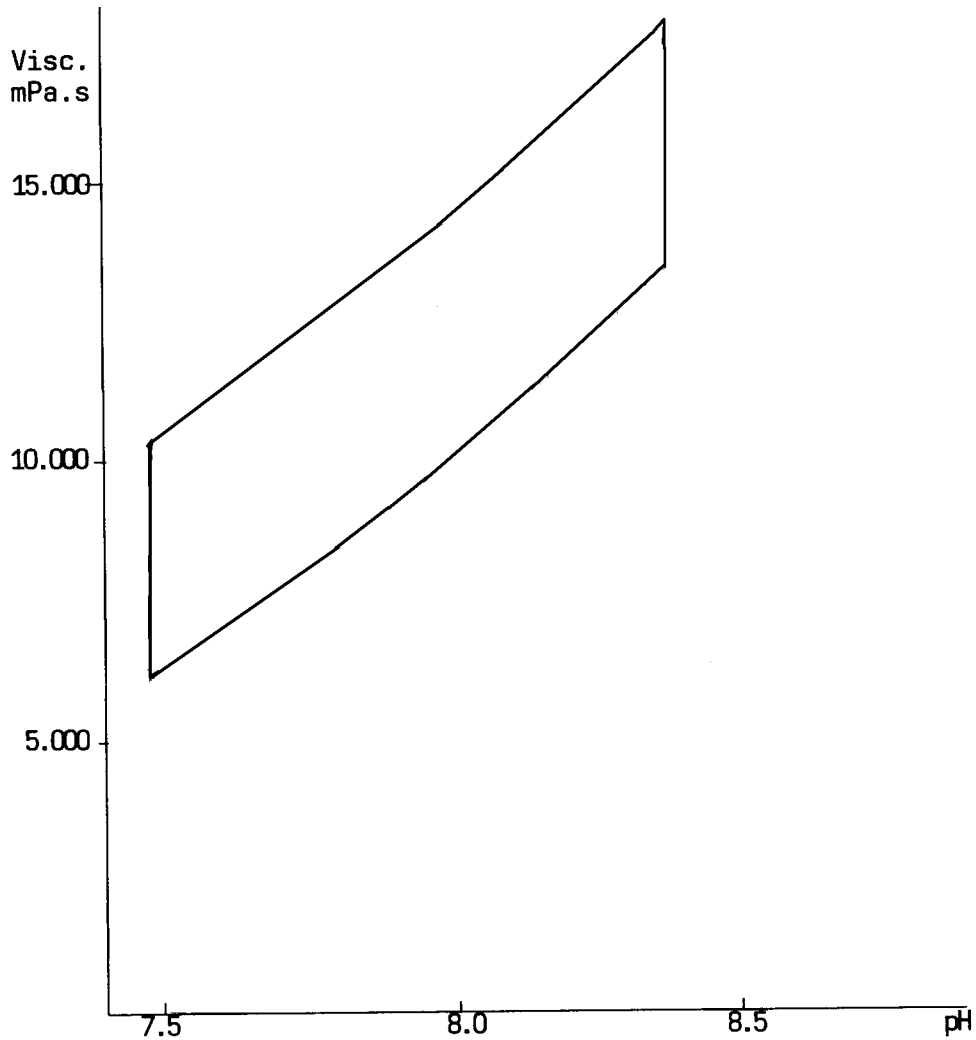
Protect from freeze and avoid direct sunlight. Product contains water and storage under 0° C may cause inhomogeneity. In this case, warm up slowly at room temperature if necessary with the help of a slow stirrer.

It is recommendable to adjust the finished product to pH-value of about 8.0-8.5. With this an optimal storage stability will be possible.



WorléeSol 85 A

2



**Viscosity dependent on pH-value**

The above declarations serve for information purposes only. In particular, they shall not be relevant to define binding specifications for any orders. With respect to any order, the specifications shall be governed by the provisions of the sales contract to be concluded between the parties (e.g. the "product specification").

Any deliveries are exclusively subject to our general standard terms and conditions in their respectively valid version. We will be happy to provide you with the general standard terms and conditions upon your request and they can be downloaded online at <http://www.worlee.de/GSTC>

Worlée-Chemie GmbH • Grusonstrasse 22 • D-22113 Hamburg • Tel.: +49 4153 596-0 • Fax: +49 4153 536 49 • E-Mail: [service@worlee.de](mailto:service@worlee.de) • [www.worlee.de](http://www.worlee.de)