

## Corrosion Protection



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Paraffin, microcrystalline- and synthetic waxes, as well as petrolatum are employed as corrosion protection of various metals.

**Sasol Wax** is able to offer a wide range of base components for the production of solvent- or water - based corrosion protection compounds.

These products may also be blended with synthetic polymers and resins and/ or combined with anti- corrosion agents. In addition to the above mentioned blends, some corrosion protection formulations may also contain saponified, oxidized and esterified paraffin waxes. For this chemical modification we offer our specialty designed products as well.

Comprehensive application ranges for this group of products, in addition to corrosion protectives in the automotive industry, include those of cutting fluid, drawing oils and greases in metal processing and the extensive lubricant sector.

Wax dispersions are required for temporary corrosion protection e.g. for cars during transportation. After spraying, they form a waxy film which protects from corrosion and scratches.

After use this waxy layer can be removed from the originally shining surface.

Sasolwax <sup>®</sup> Type	Congealing Point (°C) (ASTM D 938)	Dropping Point (Mettler)	Oil Content (%) (ASTM D 721)	Needle Penetration at 25 °C (0.1mm) (ASTM D 1321)	Colour (Sasol Wax 037)	Viscosity at 100°C (DIN 51562) (ASTM D 445)	Product manufactured by
3735	68 - 75	78 - 82	4 - 8	60 - 120	0 - 1.5 (ASTM)	12 - 18	Sasol Wax GmbH
8287	72 - 76	87 - 93		50 - 65	0 - 2 (ASTM)	12 - 16	Sasol Wax GmbH
3277	77 - 82		0 - 2	14 - 21	0 - 8 (ASTM)	16 - 20	Sasol Wax GmbH
5891	70 - 75		0 - 1	11 - 13	0 - 8 (ASTM)	12.5 - 14.5	Sasol Wax GmbH
5669	66 - 71			90 - 140	0 - 3 (ASTM)	16 - 20	Sasol Wax GmbH
9777	64 - 70		5 - 14	(K)20 - 50	0 - 5 (ASTM)	13 - 17	Sasol Wax GmbH
5325	52 - 54		1 - 4	40 - 60	25 - 30 (Saybolt)	3.5 - 5	Sasol Wax GmbH
W 7128		52 - 54 (ASTM D 87 )	0 - 2	55 (typical)	+28 min.		Sasol Wax Americas
Tekniwax 540		63 - 73		90 - 150	dark green	15 - 23	Sasol Wax (South Africa) (Pty) Ltd.

Tekniwax 701	64 - 74		40 (typical)		8 (typical)	14 min.	Sasol Wax (South Africa) (Pty) Ltd
<b>Wax Dispersion for Temporary Protection</b>							
<b>Emulsion Type</b>	<b>Water Content (%)</b>	<b>Viscosity (mPa s) (typical value)</b>	<b>pH (typical value)</b>	<b>Emulsifier Type</b>		<b>Product manufactured by</b>	
Sasolwax Protect	60	200 - 800	9 - 10.5	anionic/ acid stable		Sasol Wax (South Africa) (Pty) Ltd.	

**This product information is indicative and does not include any guarantee**

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