

# MACRYNAL<sup>®</sup> VSM 1509/60LG

**TYPE**

Hydroxy functional acrylic resin; cross-linkable with polyisocyanates

Average hydroxyl content (solid resin)

approx. 3 %

**FORM OF DELIVERY (f.o.d.)**

60 % in solvent mixture (60LG)

**PRODUCT DATA**

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	5000 - 7000
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Colour Scale (Hazen) DIN EN ISO 6271-1 Hazen colour value		<= 100
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Hydroxyl Value (cat.) DIN EN ISO 4629 hydroxyl value (solids)	[mg KOH/g]	90 - 110
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Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g; EAC)	[%]	58 - 62
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Not continually determined:

Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm <sup>3</sup> ]	1,04
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Flash Point DIN EN ISO 1523 flash point approx.	[°C]	28
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**SUGGESTED USES**

Macrynal VSM 1509, in combination with aliphatic polyisocyanates, pre-eminently with Desmodur N 75 (Bayer), produces very fast drying two-pack coatings for the industrial lacquer sector. Formulations based on Macrynal VSM 1509 provide a fast film hardness development and a good balance of elasticity and film hardness.

**STORAGE**

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

**DISTINGUISHING FEATURES**

Compared to Macrynal SM 500 coatings based on Macrynal VSM 1509 provide faster drying.

4.0/17.07.2013 ( replaces all previous versions )

• Worldwide Contact Info: [www.allnex.com](http://www.allnex.com) •

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