



Low molecular weight polydimethylsiloxane for improved leveling and anti-float properties in solvent based coatings systems. 100 % active

Description

Borchi® Gol MA is a polydimethylsiloxane additive used to improve leveling and anti-floating in solvent based coatings systems. It is 100% active.

Characteristic Data

Viscosity	5 - 15 mPa·s	DIN 53015 (23 °C)
Refractive index	1.3960 - 1.4000	DIN 51423 (23 °C)

Properties

Borchi® Gol MA is a very effective leveling agent which reduces surface tension and prevents pigment float. It also is used to improve scratch resistance.

Borchi® Gol MA may intensify defects caused by over-baking therefore we recommend it should be used primarily in top coats.

Applications

Borchi® Gol MA promotes flow in polymers which physically dry like alkyd binders. In unsaturated polyester paints containing paraffin, **Borchi® Gol MA** promotes uniform floating of the paraffin and deaeration however it has limited binder compatibility.

Dosage

The recommended dosage is 0.01 to 0.05 % of the total weight of the formulation depending upon the binder system. We recommend 0.001 % in unsaturated polyester paints containing paraffin. The exact dosage should be experimentally determined. No intercoat adhesion issues are observed when used at the recommended levels.

Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C. Once opened, containers should be resealed immediately after each removal of the product. **Borchi® Gol MA** may partially crystallize if it freezes but can be recovered with gentle heating.



Safety

Please refer to our safety data sheet for information relating to product safety.

Updated: 03.12.2015

OMG Borchers GmbH

Berghausener Str. 100 / 40764 Langenfeld / Telephone: +49 (0) 2173 - 39 26 666
Fax: +49 (0) 2173 - 39 26 999 / Internet: www.borchers.com / E-Mail: info@borchers.com

Our product information is given in good faith but without warranty. This also applies where proprietary rights of third parties are involved. This information does not release the customer from the obligation to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the

products manufactured by the customer on the basis of our technical advice are beyond our control and, therefore, entirely the customer's own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.