

Borchi® Gol M 51

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

Physical Characteristics

Appearance	Clear liquid
Non-volatile content	NA
pH	NA
Density	0.97 g/cm ³ DIN 51757 (20°C)
Viscosity	45 - 55 mPa.s ISO 3105 (25 °C)
Color	NA
Refractive Index	1.401 - 1.403 DIN 51423 (23 °C)
Solvent(s)	NA

Features

- Reduces surface tension
- Effective flow promoter
- Can act as an "anti-silicone" as it can counteract surface defects caused by other silicone-based additives
- Recommended for 100 % solids epoxy coatings

Applications

- Systems that cure by evaporation or crosslinking
- 100 % solids epoxy coatings

Dosage

The recommended dosage is 0.01 % to 0.05 % of the total weight of the formulation depending upon the binder system. 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.

Safety

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

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PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.