SILRES® BS 168

Methylsiliconates

SILRES® BS 168 is a water based, solvent free and silicone based pH-adjuster for use in waterborne emulsion paints.

Properties

Formulated paints containing SILRES® BS 168 show:

- excellent storage stability
- excellent pH stability
- improved mechanical resistance
- improved water resistance

SILRES® BS 168 is suitable to formulate low VOC and low odor paints.

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	clear to hazy, colorless	-
Density	25 °C | 1013 hPa	1.4 g/cm^3	-
Solids content	150 °C | 1 h | 1 g	55 wt. %	-
Solvent	-	water	-
pH	25 °C	13 - 14	Indicator strips

These figures are only intended as a guide and should not be used in preparing specifications.

Applications

- Auxiliaries
- Silicone-Based pH-Adjuster

Application details

For ease of application and better handling properties, a dilution of SILRES® BS 168 with water (i.e. 1 part SILRES® BS 168 : 3 parts water) is recommended prior adding in a formulation. Addition under stirring is recommended in order to avoid local high pH values.

The dosage of SILRES® BS 168 depends on the formulation of the paint. The right amount should be determined by adding SILRES® BS 168 till the pH needed is obtained (i.e. 9.5 for a standard paint).

The provision of the information contained herein does not constitute a release from the obligation to conduct independent investigations prior to its use for possible infringement of intellectual property rights of third parties. In particular with respect to the use of the products which are subject to this technical data sheet the following patent applications as well as any domestic and foreign equivalents and patents that may derive therefrom are expressly referred to: DE102014013455 A1 and DE102016002221 A1.

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code SILRES® BS 168

For technical, quality or product safety questions, please contact:

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