



A Subsidiary of PETRONAS Chemicals Group

PRODUCT DATA SHEET

BRB Siloen® WA 263

Coatings and Inks

BRB International BV

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BRB Siloen® WA 263

Substrate Wetting Paint Additive



Description

BRB Siloen® WA 263 is Silicone-Polyether Copolymer solution.

Application

Silicone surfactant for aqueous coatings with excellent wetting and levelling properties.

Features

- Dispersible in water
- Provides strong decrease in surface tension improving rapidly wetting and levelling of water based coatings
- No or very little foam stabilization
- Does not increase the surface slip
- Recoatability not affected

Benefits

- Low surface tension (typically 22.3 mN/m at 0.1% in water)
- Hydrolytically stable between pH 4 -10 see table

Time (d)	Dosage	pH 4	pH 9
2	0.1%	22.3 mN/m	23.1 mN/m
6	0.1%	22.2 mN/m	22.9 mN/m
18	0.1%	23.1 mN/m	23.1 mN/m

Stability test carried out at 60 °C

Typical Data

Parameter	Unit	Value
Appearance		Clear colorless to yellow liquid
Active content	%	50
Viscosity @ 25°C	mPa.s	20
Specific gravity @ 25°C	g/cm ³	1.00
Flash Point (closed cup)	°C	81
Solvent		Di-propylene glycol methyl ether

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How to Use

BRB Siloen® WA 263 is recommended for all aqueous coatings, printing inks and overprint varnishes.
BRB Siloen® WA 263 should be added to the finished formulation or eventually during the let-down stage.

Typical dosage of **BRB Siloen® WA 263** are the following: *(in % of additive as supplied into the coatings)*

- Automotive coatings: 0.1 - 2.0 %
- Industrial coatings: 0.2 – 2.0 %
- Architectural coatings: 0.2 - 2.0 %
- Decorative coatings: 0.2 – 2.0 %
- Printing inks and varnishes: 0.2 – 2.0 %
- Wood and furniture coatings: 0.2 – 2.0 %
- Inkjet inks: 0.2 – 2.0 %
- Leather pre-primers, primers and top coats based on polyurethane, acrylic nitrocellulose and casein binders: 0.2 - 2.0 %

BRB Siloen® WA 263 is mainly designed for industrial applications, however please contact our Regulatory Department for the latest updates about product food contact status.

A Product Safety Data Sheet should be obtained from your BRB office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

FOR MORE INFORMATION

Please contact

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IMPORTANT NOTICE

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