



A Subsidiary of PETRONAS Chemicals Group

PRODUCT DATA SHEET

BRB Sempure 60 Standard Emulsion

BRB International BV

PO Box 3552 NL-6017 ZH Thorn. Office: Europastraat 5 NL-6014 CD Ittervoort The Netherlands.

T: +(31) 475 560 300

www.brb-international.com

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BRB Sempure 60

Silicone Emulsion



Description

BRB Sempure 60 is a general-purpose non-ionic aqueous emulsion containing 60% of a medium viscosity polydimethylsiloxane.

Application

BRB Sempure 60 can be used in many industries:

- Mould release of technical rubber, tyres, plastics as well as foundry materials
- Sizing of synthetic fibres
- Silky sheen for furs
- Anti-adherence in textile finish formulations
- Water repellent anti adherent for industrial glassware
- Constituent of maintenance products and polishes: floors, furniture, leather, tyres
- Lubricating, anti-mottling and brightening agent in the printing industry.

Features

- Outstanding resistance to heat: no thermal degradation, which would be susceptible to leave carbonaceous residues
- Chemical inertness
- Good water repellent properties (glass industry)
- Complete incompatibility with some organic matters
- Good lubricating power
- Brightening of colours (textile industry).

Benefits

- Small particle size (<1 micron) giving good stability
- Low viscosity giving good wetting and less streaking
- Neutral pH which prevents corrosion to machinery
- Nonylphenol free surfactant system which is environmental friendly.

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Typical Data

Parameter	Unit	Value
Appearance		Homogeneous, milky white
Active constituents, approx.		60
Type of emulsifier	%	Non-ionic
Specific gravity at 25°C, approx.		1.0
Viscosity of the base fluid at 25 °C, approx..	mm ² /s	350
pH		4.0 – 9.0
Diluent		Water

How to Use

Dilution of the material prior to use should be done with water, provides an excellent means for incorporating low concentrations of silicone emulsion accurately and economically. Such dilution may provide greater ease of handling and more effective use of silicone.

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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