

Description

BRB 1218 is a 60% anionic emulsion containing ultra high molecular weight polydimethylsiloxane.

Application

BRB 1218 can be used in various industries:

- Gloss enhancer for polishes, emulsion paint additive.
- Silky sheen for furs
- Constituent of maintenance products and polishes
- Lubricating, anti-mottling and brightening agent in the printing industry

Features

- Chemical inertness
- Excellent dilution stability
- Good lubricating power
- Brightening of colours.

Benefits

- Nano Silicone, 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

Typical Data

Parameter	Unit	Value
Appearance		homogeneous, milky white
Active constituents, approx.	%	60
Solvent		none
Type of emulsifier		anionic
Internal Phase viscosity	mm ² /s	>1,000,000
Specific gravity at 25°C		1.0
Viscosity at 25°C	mm ² /s	200
pH, approx.		6 - 8
Diluent		water

SILICONE EMULSION 35%-Low viscosity :

Typical Data

Parameter	Unit	Value
Appearance		homogeneous, milky white
Active constituents, approx.	%	35
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, approx.		ca. 7.5
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.

SILICONE EMULSION 35%-High viscosity

Typical Data

Parameter	Unit	Value
Type		Polydimethylsiloxane
Physical form		Milky white high viscous liquid
Active content	%	30
pH		7.0
Viscosity	cPs	4,500
Diluent		water
Emulsifier type		non-ionic

SILFOAM[®] SE 47

Silicone antifoam emulsion

Characteristics

SILFOAM[®] SE 47, which is a versatile antifoam, that contains a comparatively high amount of emulsifier. It features a high resistance to alkalis and acids and may further be used in a wide range of areas in which pH is critical.

Application

SILFOAM[®] SE 47 has proved ideal for tackling foam in textile auxiliaries and processes (such as dyeing), for incorporation into surfactant formulations and cooling lubricants based on mineral oils, for separation of monomers from dispersions and conversion of dispersions into derivatives.

It is a useful auxiliary for combating foam encountered in petrochemical processes : aqueous drilling mud, natural-gas production with surfactants, deaeration of sea water, gas sweetening with amines, gas drying with glycols, production of bitumen emulsions, aqueous cutting fluids. Furthermore it can be used in production of plant protection formulations. It is also an efficient defoamer for treating. Its versatility as a processing auxiliary is valued throughout the chemical industry.

Storage

SILFOAM[®] SE 47 has a shelf life of at least 6 months when stored between 5°C and 25°C in the tightly closed original container. The 'Best use before end' date of each batch appears 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 information

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

SILFOAM [®] SE 47		
Appearance		white
Active ingredients content, approx.	[%]	10
Solids content, approx.	[%]	17
Ionic nature		non-ionic
Viscosity		low
pH value, approx.		5 - 8
Recommend dosage, approx.	[%]	0.01 - 1
Storage stability	months	6

Origin : EU