



## TECHNICAL DATA SHEET

### RESIN EMULSION PRE 9820

#### DESCRIPTION

PRE 9820 is a aqueous emulsion of a methyl silicone resin. Specially developed to give maximum water repellency in surface coatings, its low viscosity and good compatibility mean that it is easily processed.

Typical applications include, weather resistant paints, varnishes and packaging inks.

#### FEATURES

- Excellent water repellency
- High shear and storage stability
- Tack free film formation at RT
- Enhanced chemical resistance by heating to 150 °C
- Low solvent content (Xylene:Butanol < 15%)

#### PRODUCT DATA

<u>TEST</u>	<u>TEST CODE</u>	<u>SPECIFICATION</u>
Type	(Ty 01)	Polydimethylsiloxane in Water
Appearance	(AP 01)	White, mobile emulsion
Solvent	(SV 01)	Xylene/ Butanol 15% max
Viscosity (Brookfield LVF spindle 1 at 60 rpm at 25 deg C)	(VI 01)	2.0 – 15.0 cP
Total solids	(TS 01)	15% +/- 1%
pH value DIN 19263		ca. 5

#### PROCESSING

Issue No 1 – Date 16/09/03

*Information given in this publication is based upon technical data gained in our own and other Laboratories and is believed to be true. However if the material is used in conditions beyond our control we can assume no liability for results obtained or damages incurred through the application of the data present herein.*

**PennWhite Ltd.**

RADNOR PARK TRADING ESTATE, BACK LANE, CONGLETON, CHESHIRE. CW12 4XJ  
Telephone 44 (0) 1260 279635 Fax 44 (0)1260 298920 Email info@pennwhite.co.uk  
www.pennwhite.co.uk

RESIN EMULSION PRE9820

Emulsion PRE 9820 can be easily processed with conventional methods. Before taking it out of the container, the emulsion should be well stirred.

The emulsion can be mixed with water borne resin systems and dries to a tack free coating at room temperature.

## **STORAGE & SHELF LIFE**

PRE 9820 is extremely stable both as supplied and in the diluted form. When stored in its original containers at temperatures between 0 and 32 °C it has a shelf life of 9 months.

## **HANDLING CONDITIONS**

Safe handling procedures can be found in the MSDS for this material supplied upon request.

*This information is issued as a guide and every effort is made to ensure that it is accurate and in accordance with latest technical developments. We cannot accept responsibility for results as we have not control over the conditions under which our products are used.*