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TECHNICAL DATA SHEET

**Silamine® PD**

Low Yellowing Hydrophilic Softener

**DESCRIPTION**

**Silamine® PD** is a patented hydrophilic low yellowing textile softener for cotton, polyester/cotton blends, wool, rayon, acrylic, woven, non-woven and knits.

**TYPICAL PROPERTIES**

Appearance	Clear to hazy liquid
Colour, Gardner	3 max
Composition	Polydimethylsiloxane Amine
Active Content %	90
Amine Value	5.0
Water solubility (1%)	Dispersible

**USES AND APPLICATIONS**

**Silamine® PD** is a water dispersible silicone fluid used to formulate hydrophilic softeners that are applied to various fibrous materials such as textile, tissue and non-woven. **Silamine® PD** contains an amino group which is substantive to fibres, textiles, automobiles and plastics surfaces resulting in a more durable finish. **Silamine® PD** also gives soil release properties to polyester.

**Silamine® PD** is an effective hydrophilic softener at low concentrations (1-2 % by weight). It is low yellowing and does not require sophisticated emulsion technology or equipment to make stable emulsions. **Silamine® PD** can be used with durable press resins, with no adverse effect on softening or durability.

**Silamine® PD** provides a superior and optimum combination of the following benefits:

- Hydrophilic
- Amino silicone softness
- Low yellowing
- Easy to emulsify
- Good stability

**SAFETY**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information

**STORAGE AND SHELF LIFE**

When stored between 10 and 40°C in the original unopened container, **Silamine® PD** has a shelf life of 24 months from the date of manufacture.

**PACKAGING**

**Silamine® PD** is available in 20 Kg and 200 Kg containers.

**LEGAL DISCLAIMER**

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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