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TECHNICAL DATA SHEET

**Siltech<sup>®</sup> P-104**

Silicone Polyether Emulsifier and Drainage Aid

**DESCRIPTION**

**Siltech<sup>®</sup> P-104** is a water insoluble to slightly dispersible and alcohol soluble silicone polyether surfactant designed to emulsify silicone foam control compounds and other hard to emulsify species.

**TYPICAL PROPERTIES**

Property	Siltech P-104
Appearance	Opaque Paste
Colour	Off-white
Viscosity @ 25°C, Cps	25,000
Cloud Point °C	<25
Water Solubility @ 1%	Insoluble
IPA Solubility @1%	Soluble

**APPLICATION & USES**

**Siltech P-104** is a highly surface active species and is used as drainage aid in pulp manufacture and as a dispersing and emulsifying agent for organic and silicone oils in pulping and other industrial chemical formulations. **Siltech P-104** lowers surface tension and interfacial tension stabilizing water/oil and water air interfaces. Significant foam control in water based formulations may be seen as well.

**Siltech P-104** has been shown to provide excellent dispersion of silicones in aqueous systems including black liquor.

**Siltech P-104** has been shown to enhance drainage of aqueous fluids from pulp and other fibrous materials.

**SHELF LIFE**

When stored in the original, unopened containers between 10 and 40<sup>0</sup>C, **Siltech<sup>®</sup> P-104** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Siltech P-104** is supplied in 20kg pails and 200kg drums.

**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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