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TECHNICAL DATA SHEET

Siltech® C-4777
Slip agent

DESCRIPTION

Siltech® C-4777 is an 80% active dispersion of very high molecular weight polydimethylsiloxane gum. It is a very effective additive for both water-based as well as solvent-based coating systems providing excellent slip, mar resistance, gloss, antiblocking and release effects. **Siltech C-4777** does **not** contain tin catalyst. **Siltech C-4777** is stripped to meet the EU requirements for volatile silicone content.

TYPICAL PROPERTIES

| | |
|--------------------------|-----------------------------|
| Appearance | Translucent to Opaque Paste |
| Specific gravity at 25°C | 0.98 |
| Colour, Gardner | 1 |
| Viscosity at 25°C, cps | 1,000,000 |
| Solid content | 80% |
| Diluents | Water |

APPLICATION & USES

Siltech C-4777 is used as an additive in water as well as solvent-based systems for paint and inks and coatings formulations to provide slip, mar resistance, reduction of coefficient of friction, gloss, anti-blocking and release properties. **Siltech C-4777** is particularly effective in solvent-based coatings, especially for leather top coats. **Siltech C-4777** is more compatible and generally higher performing compared to the older **Siltech C-4435** and **Siltech C-4445** materials.

Depending of the application, the amount of **Siltech C-4777** used ranges from 0.05-3.00% weight percent based on the total formulation. Prior to use, the product can be added as supplied or pre-diluted with water or the typical solvent used in any solvent-based coatings.

SHELF LIFE

When stored between 10 and 40°C in the original unopened container, **Siltech C-4777** has a shelf life of 24 months from the date of manufacture.

PACKAGING

Siltech C-4777 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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