

# SiSiB<sup>®</sup> PC11576

## Amino Phenyl Silicone Resin

*INCI: Aminopropyl Phenyl Polytrimethicone*

### INTRODUCTION

SiSiB<sup>®</sup> PC11576 is an active Amino Phenyl Polytrimethicone with good stickiness and combing ability. The amino groups become very stable, resulting in good performance in anti-yellowing, hair absorption, and emulsification due to branch structure. Phenyl groups enhance the glossy appearance and the compatibility with various cosmetic ingredients. Silicone chain brings excellent soft and smooth feel.

SiSiB<sup>®</sup>PC11576 can be used as an ideal additive for shampoo, hair conditioner, ointment, perm agent and other personal care products.

### ADVANTAGES

- Good stickiness and combing ability
- Easy to be emulsified
- Anti-yellowing and almost odorless
- Long-lasting soft and silky smooth feel
- Easy to comb
- Excellent conditioner for hair

### TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent liquid
Color	Colorless to yellowish
Refractive index (25°C)	1.4900-1.5100
Specific gravity (25°C)	1.000-1.150
Viscosity (cSt, 25°C)	1,000-5,000

### APPLICATIONS

SiSiB<sup>®</sup> PC11576 can be used in shampoo and hair care products.

- How to use:

SiSiB<sup>®</sup> PC11576 can be added into the products for marceling and coloring hair, and partly take place of ammonia or the compound of amine, which can prevent the hair from

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some physical and chemical elements.

When SiSiB<sup>®</sup> PC11576 is used in hair care products, melting oil phase and add this product slowly at 50°C, then stir completely.

Add to the emulsion system below 50°C after emulsified.

Add directly in system and stir at room temperature when used in oil-based products.

□ Recommend Dosage:

The recommended usage level of this product is 0.1-2.0%.

### PACKING AND STORAGE

SiSiB<sup>®</sup> PC11576 is supplied in 200Kg steel drum.

In the original unopened packaging, SiSiB<sup>®</sup> PC11576 has a shelf life of one year in a dry and cool place at room temperature.

### NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.