



BRB PTM 20

INCI NAME: PHENYL TRIMETHICONE

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Description

BRB PTM 20 is a polyphenylmethylsiloxane which improves the performance of many types of cosmetic formulations. It has an excellent solubility in alcohol.

Application

Used as a water repellent additive and to reduce the tackiness and stickiness of organic ingredients in formulations such as:

- skin lotions and creams
- suntan lotions and sprays
- pre-shave lotions.
- Used as a hair gloss agent in hair sprays, conditioners and grooming aids.

Features

- Easily emulsified
- Good compatibility with cosmetic ingredients
- Resistant to oxidation
- Provides non-oily, easy to spread emolliency and allows natural skin transpiration through a soft invisible film
- Good antistick and antitack characteristics
- Imparts gloss, softness and better manageability to hair

Benefits

- Reduce Tackiness
- Gives Shine
- Improve spreading

Typical Data

Parameter	Unit	Value
Appearance		Colourless liquid
Viscosity at 25°C	mm ² /s	22.5
Specific gravity at 25°C	g/cm ³	0.980
Refractive index at 25°C		1.46
Flash point - closed cup	°C	> 100
Acid number	mg KOH/g	0.10

How to Use

BRB PTM 20 is generally used because of its Shine.

BRB PTM 20 can be used in Antiperspirant or Deodorant formulations where it will increase the glide properties and will reduce the tackiness and white residue.

In Hair care applications BRB PTM 20 can be used to generate shine and better manageability and control, it will also reduce the drying time.

The use of BRB PTM 20 in Skin care applications will improve the spreading, reduce the greasiness and will give a soft and smooth feel.

BRB PTM 20 is easy to emulsify with standard emulsifiers by common techniques.

Solubility

BRB PTM 20 is extremely soluble in 95% ethanol at room temperature. At temperatures as low as 4°C, up to 50% by weight of this fluid can be dissolved in 95% ethanol.

A Product Safety Data Sheet should be obtained from your BRB office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

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Warranty: The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV or visit our web-site: www.brb-international.com