**MIRASIL® P-DPDM**

**Description**

C.T.F.A. / I.N.C.I. Name:

PHENYL TRIMETHICONE (and) DIPHENYL DIMETHICONE

CAS N°: 70131-69-0 / 67762-99-6

MIRASIL P-DPDM is a solution of a Polydimethyldiphenylsiloxane gum at 15% in Phenyltrimeticone.

**Examples of applications**

Due to ultra high molecular weight of silicone polymer, MIRASIL P-DPDM imparts long lasting properties to skin and hair with specific sensorial feel.

Used in make-up, lipstick or mascaras, this silicone gives no transfer properties to the formulations.

As additives in skin creams or body lotions, deodorants and antiperspirants, MIRASIL P-DPDM leaves a soft feel on skin.

Conditioning agent, increases compatibility with cosmetic ingredients.

**Characteristics**

- **Appearance**: Clear liquid
- **Colour (Hazen)**: 100 max.
- **Turbidity (NTU)**: 20 max.
- **Viscosity at 25°C (mPa.s)**: 5000 – 25000
- **Refractive index at 25°C**: 1.440 – 1.460
- **Heavy metals (Pb ; ppm)**: 5 max.
- **Identity (IR Spectrum)**: Conform

**Packaging**

- **MIRASIL P-DPDM** is available in:
  - 12 Metal drums (open head) 25 Kg / Pal. 300 Kg (114 x 114 cm)

**Storage and shelf life**

When stored in its original unopened packaging, at a temperature of below +40°C, MIRASIL P-DPDM may be stored for up to 36 months from the date of manufacture clearly marked on the packaging.

Beyond this date, Bluestar Silicones no longer guarantees that the product meets the sales specifications.

**Safety**

Please consult the Safety Data Sheet of MIRASIL P-DPDM.
Warning to the users

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