

SABODERM PDA MB

Natural liposoluble film former with high refractive index for sun care, colour cosmetics and hair care.

INCI Name: *Dilinoleic Acid/Propanediol Copolymer*

CAS Number: 1110650-80-0

OVERVIEW

- A 100% vegetable-based polyester copolymer derived from 1,3-propanediol, sourced from the fermentation of biofuel residues.
- Ideal for formulations needing a film-forming agent, offering water resistance, extended wear, no-transfer benefits, and a glossy, radiant effect.
- **NOI (ISO 16128):** 1
- **REACH:** Exempted (polymer)
- **Certification:** RSPO MB

TECHNICAL CHARACTERISTICS

- **Viscous liquid:** 20000 mPa·s
- **Refractive index:** 1480 (high)

FUNCTIONS

- Film former
- Glossing agent
- Water resistance
- Long lasting
- No-transfer

FORMULATIONS

- Emulsions
- Anhydrous formulations (solid or liquid)
- Pressed powders

APPLICATIONS

- Lip Products (lipstick, lip rouge, lip gloss, lip balm, lip tint, lip oil) – historical use Lip Nourishing Oil
- Eye Contour Products
- Colour Cosmetics
- Hair (Conditioner, UV Protection, Repairing Products)
- Primers
- Skin Care with illuminating claim



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