

POLYDERM™ POLYURETHANE

PLANT DERIVED POLYMERIC EMOLLIENTS

Polyderm PPI-CO

Castor Oil/IPDI Copolymer

0.89 NOI* from castor oil

Polyderm PPI-DGDIS

Polyglyceryl-2 Diisostearate/IPDI Copolymer

0.86 NOI* from glycerin & rapeseed

REACH polymer exempt

*Natural Origin Index, ISO 16128

PROPERTIES

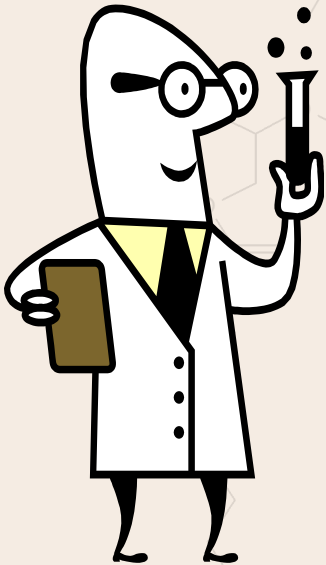
- film forming
- pH stability 2-12
- high gloss
- tack, adhesion

APPLICATIONS

- **Lips:** shine without compromising wear
- **Hair:** high shine, conditioning, light hold
- **Makeup:** long wear, pigment wetting
- **Skin:** moisturizing, film forming

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FORMULARY

Polyderm PPI-CO Lipstick

Ingredient	INCI	W/W%
Phase A		
Beantree	Methylheptyl Isostearate	20
Citmol 320	Trioctyldodecyl Citrate	20
Polyderm PPI-CO	Castor Oil/ IPDI Copolymer	15
Beeswax SP422P	Beeswax	5
Candelilla Wax SP75	Euphorbia Cerifera (Candelilla) Wax	10
Carnauba Wax SP63	Copernicia Cerifera (Carnauba) Wax	5
Phase B		
Red 7 Grind INBP45R7C	Red 7 Lake (and) Isononyl Isononanoate	10
Red 36 Grind INBP50R36	Red 36 Lake (and) Isononyl Isononanoate	10
KoboMica S-25	Mica	5
Total		100

Polyderm PPI-DGDIS Sunscreen Lotion SPF 30

Ingredient	INCI	W/W%
Phase A		
Water	Water	60.3
1,3 Butylene Glycol	Butylene Glycol	2
Phenoxetol	Phenoxyethanol	0.5
Dermol CG	Caprylyl glycol	0.5
Dissolvine NA2-S	Disodium EDTA	0.2
XG FNCSP-PC	Xanthan Gum	0.5
Dermothix 100	Disteareth-100 IPDI	3
Phase B		
Neo Heliopan 357	Avobenzene	3
Neo Heliopan 303	Octocrylene	5
Neo Heliopan OS	Octisalate	5
Neo Heliopan HMS	Homosalate	5
Elefac I-205	Octyldodecyl Neopentanoate	5
Bernel Ester DCM	Dicaprylyl Maleate	5
Polyderm PPI-DGDIS	Polyglyceryl-2 Diisostearate/ IPDI Copolymer	5
Total		100.0

Polyderm PPI-DGDIS Rinse-Off Mask

Ingredient	INCI	W/W%
Phase A		
Water	Water	84.2
Glycerin	Glycerin	5
Dermol CG	Caprylyl glycol	0.3
XG FNCSP-PC	Xanthan Gum	0.5
Dermothix 100	Disteareth-100 IPDI	5
Phase B		
Polyderm PPI-DGDIS	Polyglyceryl-2 Diisostearate/ IPDI Copolymer	5
Total		100.0

Polyderm PPI-DGDIS Hair Styling Softening Cream

Ingredient	INCI	W/W%
Phase A		
DI Water	Water	82.4
Polyderm PPI-SI-WS	Bis-PEG-15 Dimethicone/ IPDI Copolymer	1.9
Cupl-PIC	PPG-2 Isoceteth-20 Acetate	0.9
Phase B		
Dermol DGDIS	Polyglyceryl-2 Diisostearate	5.6
Polyderm PPI-DGDIS	Polyglyceryl-2 Diisostearate/ IPDI Copolymer	5.6
Dermothix 100	Disteareth-100 IPDI	1.9
Phase C		
D-Panthenol	Panthenol	0.5
Vitamin E Acetate	Tocopheryl Acetate	0.5
Nipaguard SCV	Sorbitan Caprylate (and) Phenoxyethanol (and) Benzyl Alcohol (and) Benzoic Acid	0.7
Total		100.0

Natural Polyderm PPI-CO Lip Gloss

Ingredient	INCI	W/W%
Polyderm PPI-CO	Castor Oil/ IPDI Copolymer	55
Dermol ML	Myristyl Lactate	41.9
BioMade BB	Behenyl Behenate	3
Flavor	Flavor	0.1
Total		100.0



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