

Polyurethane Film Former for Personal Care

PRODUCT

Polyderm PE-PA ED

INCI Name

Polyurethane- 58

DESCRIPTION

water based; low viscosity resinous polyurethane-polyether macro emulsion dispersion

FEATURES

- ✓ forms clear films
- ✓ water resistant
- ✓ non-transfer
- ✓ elasticity and flexibility
- ✓ non-tacky after feel
- ✓ gloss
- ✓ adhesion
- ✓ washable
- ✓ no buildup
- ✓ compatibility with solvents
- ✓ pigment spreading
- ✓ sprayable
- ✓ non VOC delivery
- ✓ broad pH stability



POLYDERM PE-PA ED

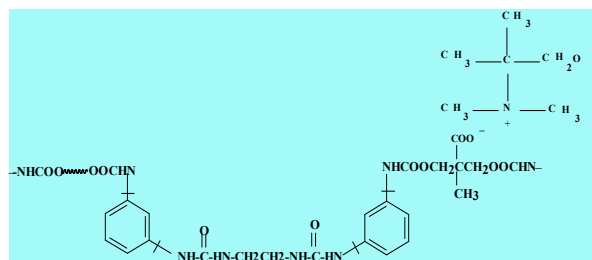
NuPLastic Lip-Gloss MB1-136-2-129-2

Ingredient	INCI	W/W %
Phase A		
NuLastic Silk-E ID-LSA	Isododecane and Polysilicone 23	45
Isododecane	Isododecane	16.75
Polyderm PE-PA ED	Polyurethane 58	30
Phase B		
Red 7Ca E-FS08	Red 7 Lake (and) Perfluorooctylethyl Triethoxysilane	2
Covalumine Sonoma Red AS	Alumina/Red Oxide AS	1
Covalumine Sonoma Black AS	Alumina/Black Oxide AS	0.05
Kobomica S-25	Mica (and) Perfluorooctylethyl Triethoxysilane	2
Pearl	SynCrystal Sparkling Silver	3
Microcare MTO	Methylisothiazolinone (and) Iodopropynyl Butylcarbamate	0.2
Total		100

Shimmer NuPLastic Eye Shadow CR1-129-2

Ingredient	INCI	W/W%
Phase A		
NuLastic Silk MA ID 6%	Isododecane (and) C4-24 Alkyl Dimethicone/Divinyldimethicone Crosspolymer	45.0
Isododecane		9.3
Simulgel EG	Sodium Acrylate/Sodium Acryloyldimethyltaurate Copolymer & Isohexadecane & Polysorbate 80	0.2
Polyderm PPI-PE-PA ED	Polyurethane 58	25.0
Phase B		
Eusolex T	Titanium Dioxide	9.1
Talc AS		5.3
Phase C		
Cosmetic Pigment	Golden Jewel	5.9
Microcare MTO	Methylisothiazolinone (and) Iodopropynyl Butylcarbamate	0.2
Total		100

STRUCTURE



APPLICATIONS

- Moisturizers
- Make-up
- Face masks
- Lip-gloss
- Eyeliners
- Eye Shadows
- Mascaras
- Nail care
- Sunscreens
- Styling Aids
- Aerosols
- Pump sprays
- Liquid bandages

TYPICAL PROPERTIES

	PE-PA ED
Appearance 25°C	translucent
Polymer, % (theoretical)	33%
Specific Gravity, 25°C	1.03
pH as is, 25 °C	8.03

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