



Aesthetic Creations for Beauty Care


Alzo International Inc
Where Chemistry is Artistry

Impressive and Vivid Finishes for Beauty Care

An array of REACh compliant ingredients that enhance the complexion of makeup formulations



Innovative Emollients for Color Cosmetics

Smart Solutions for More Shine and Wear

Specialty Esters

- broad range of skin feel
- shiny to matte finishes
- pigment dispersing
- replacement for synthetic based ingredients

Product	INCI Name	Description
Citmol 316	INCI Name: Triisostearyl Citrate	mineral oil and castor oil replacements
Citmol 320	INCI Name: Trioctylododecyl Citrate	excellent pigment dispersants and shine agents
Dermol DGDIS	INCI Name: Polyglyceryl-2 Diisostearate	vegetable derived; viscous and substantive slip agent which provides long-lasting emolliency; polar and non-polar solubility
Dermol 99	INCI Name: Isononyl Isononanoate	widely used quick drying highly branched ester
Marrix SF	INCI Name: Di-C12-15 Alkyl Fumarate	melts at body temperature; improves color payout; reduces oiliness; adds texture
Wickenol 153	INCI Name: Isotridecyl Isononanoate	helps produce matte finishes in color cosmetic formulations
Wickenol 171	INCI Name: Ethylhexyl Hydroxystearate	castor oil derived; adds lubricity and shine; OH groups replenish skin lipids; good pigment wetting

Multifunctional Emulsification

Novel Makeup Systems

Dermothix™ 100

INCI Name:
Disteareth 100 IPDI

- creates smooth shiny surfaces
- self leveling memory
- unique textures



Dermothix™ Mascara

- innovative water based systems
- less clumping
- less flaking
- even pick up on wand

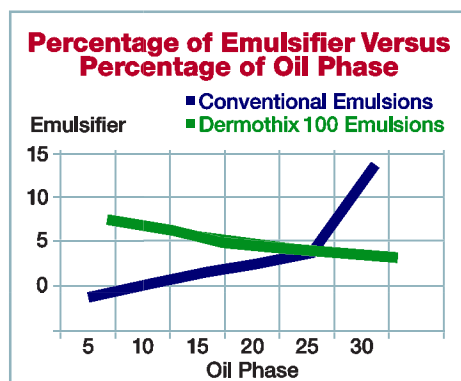


Dermothix™ Foundation

- high gloss surface
- always looks untouched
- flows into wrinkles
- excellent color pick up

Efficient Oil/Water Polymeric Emulsification

- HLB 18.5
- emulsifies high levels of oils/esters
- no secondary emulsifiers needed
- acid and base tolerant



Dermothix™ 100 Features

- broad pH stability allows for compatibility with alpha and beta hydroxy acids and derivatives
- pre-makeup face primers with lactic or glycolic acid esters
- color concealers with high levels of salicylic acid

An Exceptional Vegetable Based Polyester

A Natural Choice for Lip, Face, and Eyes

Dermol MBDD

INCI Name:

Mango Butter Dimer
Dilinoleyl Esters/Dimer
Dilinoleate Copolymer

- derived from mangoes and rapeseed oil
- outstanding shine, gloss, and tack
- excellent pigment wetting
- alternative to petroleum based ingredients



Comparing Dermol MBDD to Polyisobutene

Ingredient	Viscosity (cP)	Refractive Index
Polyisobutene	18,000	1.455
Dermol MBDD	12,000	1.481

MD1-039 Dermol MBDD Moisture Lipstick

Ingredient	INCI Name	W/W%
Phase A		
Polyethylene PL	Polyethylene	6.00
Candelilla Wax SP75	Euphorbia Cerifera (Candelilla) Wax	4.00
Ozokerite Wax SP1026	Ozokerite	6.00
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	27.00
Mulls 2218	Behenoyl Stearic Acid	10.00
Dermol 99	Isononyl Isononanoate	11.00
Dermol DGDIS	Polyglyceryl-2 Diisostearate	11.00
Phase B		
Kobo Red 7 Grind	INBP45R7C	20.00
Kobomica S25	Mica	5.00
Total		100.00

MD1-054 Natural Lip Gloss

Ingredient	INCI Name	W/W%
Phase A		
Dermol MBDD	Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer	60.50
Beantree	Methylheptyl Isostearate	15.00
Trivento Mango Butter	Mangifera Indica (Mango Seed Butter)	6.00
Beeswax	Beeswax	6.00
Dermol M5	Caprylic/Capric Triglyceride	5.00
Mango Fragrance	Fragrance	0.50
Cloisone Sparkle Gold	Iron Oxides (and) Titanium Dioxide (and) Mica	5.00
Reflects Changing Cherry	Calcium Borosilicate (and) Titanium Dioxide (and) Silica	2.00
Total		100.00

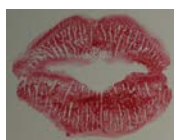
State of the Art Technologies for Beauty Care

Compounds which add outstanding emolliency, luster, and extended wear

Polyderm™ Polyesters

Polyurethane Emollients for Color Cosmetics

- high gloss delivery
- film forming
- transfer resistant
- superior substantivity
- resistance to hydrolysis
- broad pH stability
- effective at low levels



Commercial Lip Gloss

Lip Gloss with 2% Polyderm™

Product	INCI Name	Description
Polyderm PPI-CO	INCI Name: Castor Oil/IPDI Copolymer	shine, extended wear, water resistant pigment dispersant
Polyderm PPI-DGDIS	INCI Name: Polyglyceryl-2 Diisostearate/IPDI Copolymer	vegetable based polymer which adds shine and film forming, extremely substantive, imparts long-lasting emolliency, provides conditioning for hair color bases
Polyderm PPI-SIG 60%	INCI Name: Isododecane (and) Bis PEG 1 Dimethicone/PPG-26/IPDI Copolymer	adds outstanding shine, adhesion and long wear to lip products

State of the Art Technologies for Beauty Care

Compounds which add outstanding emolliency, luster, and extended wear



NuLastic™ Elastomers

Silicone Crosspolymers in Unique Ester Carriers

- non-volatile clear gels
- high actives loading
- NuLastic™ Soft entraps high levels of lipophilic ingredients
- NuLastic™ Slip holds high levels of hydrophilic ingredients

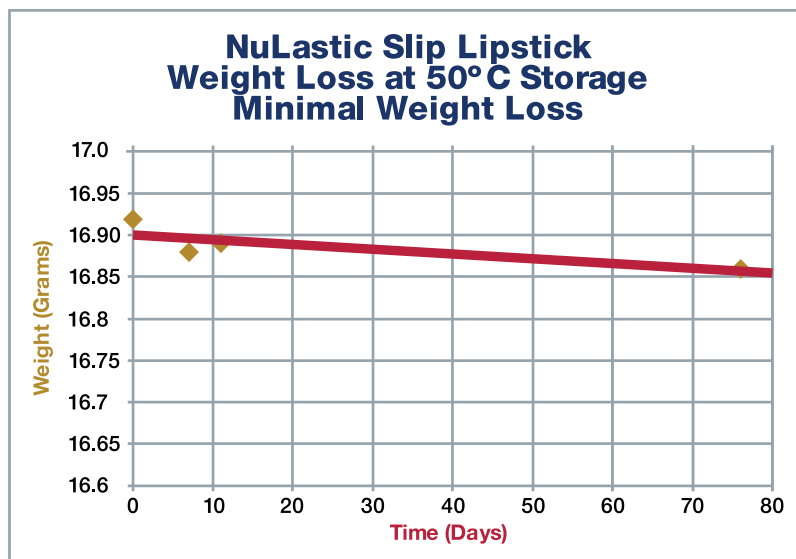


Product	INCI Name	Description
NuLastic™ SOFT D99	INCI Name: Isononyl Isononanoate (and) Divinyldimethicone/Dimethicone Crosspolymer	silicone elastomer gelled in cosmetic ester, long-lasting emolliency; adds viscosity and film forming
NuLastic™ SLIP D99	INCI Name: Isononyl Isononanoate (and) PEG-10 Dimethicone/Vinyl Dimethicone Crosspolymer	silicone elastomer gelled in cosmetic ester, long-lasting emolliency; delivery of water and water soluble actives

NuLastic™ Phase Separation

Color Changing Lipstick

- 20% water entrapped in NuLastic™ Slip D99-9
- lipstick remains peach colored
- when stick is rubbed water is released from NuLastic™ Slip
- reacts with Red 21 resulting in color change to bright pink




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