

Radiant SOLutions for Sun Care

Ingredients which provide elegant skin feel and help improve the performance of UV filters.

Benzoate and Salicylate Esters

Solubilizers to prevent recrystallization

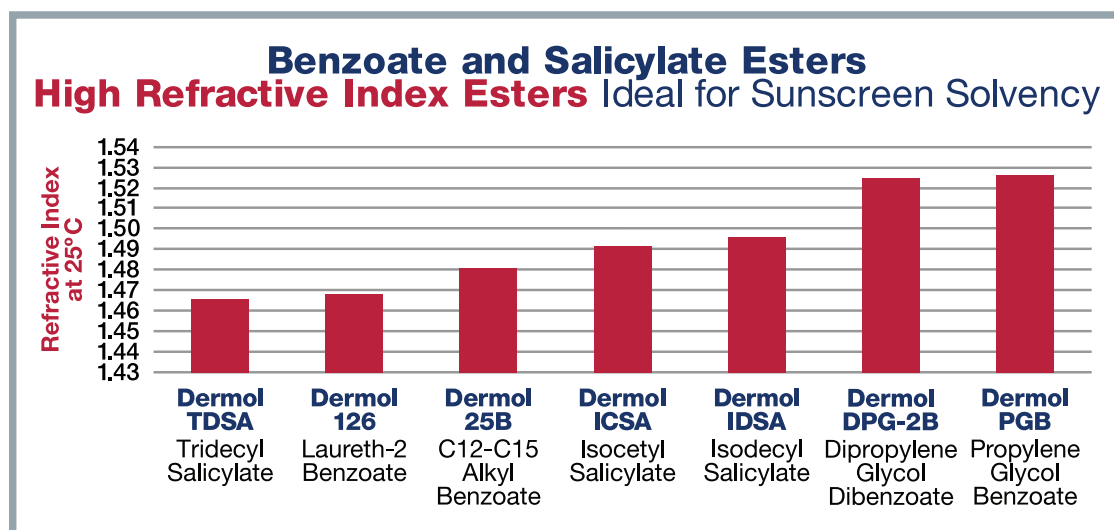
Dermol TDSA

INCI Name:
Tridecyl Salicylate

Dermol DPG-2B

INCI Name:
Dipropylene
Glycol Dibenzoate

- aromatic structures
- clarifiers and plasticizers
- high refractive indicies
- REACH and globally compliant



Dispersants for Inorganic UV Filters

Preferred wetting agents for sunscreen pigments

Dermol 99

INCI Name:
Isononyl
Isononanoate

Minno 21

INCI Name:
Neopentyl Glycol
Diethylhexanoate
(and) Neopentyl
Glycol Diisostearate

- widely used in TiO₂ and ZnO dispersions
- elegant skin feel
- REACH and globally compliant



Emulsifiers for Skin Care

Low Viscosity Oil-in Water Stability

Cupl PIC

INCI Name:
PPG-2
Isoceteth-20 Acetate

Hetester PHA

INCI Name:
Propylene Glycol
Isoceteth-3 Acetate

- cold process emulsifying system
- synergy creates oil-in water sprayable lotions at room temperature

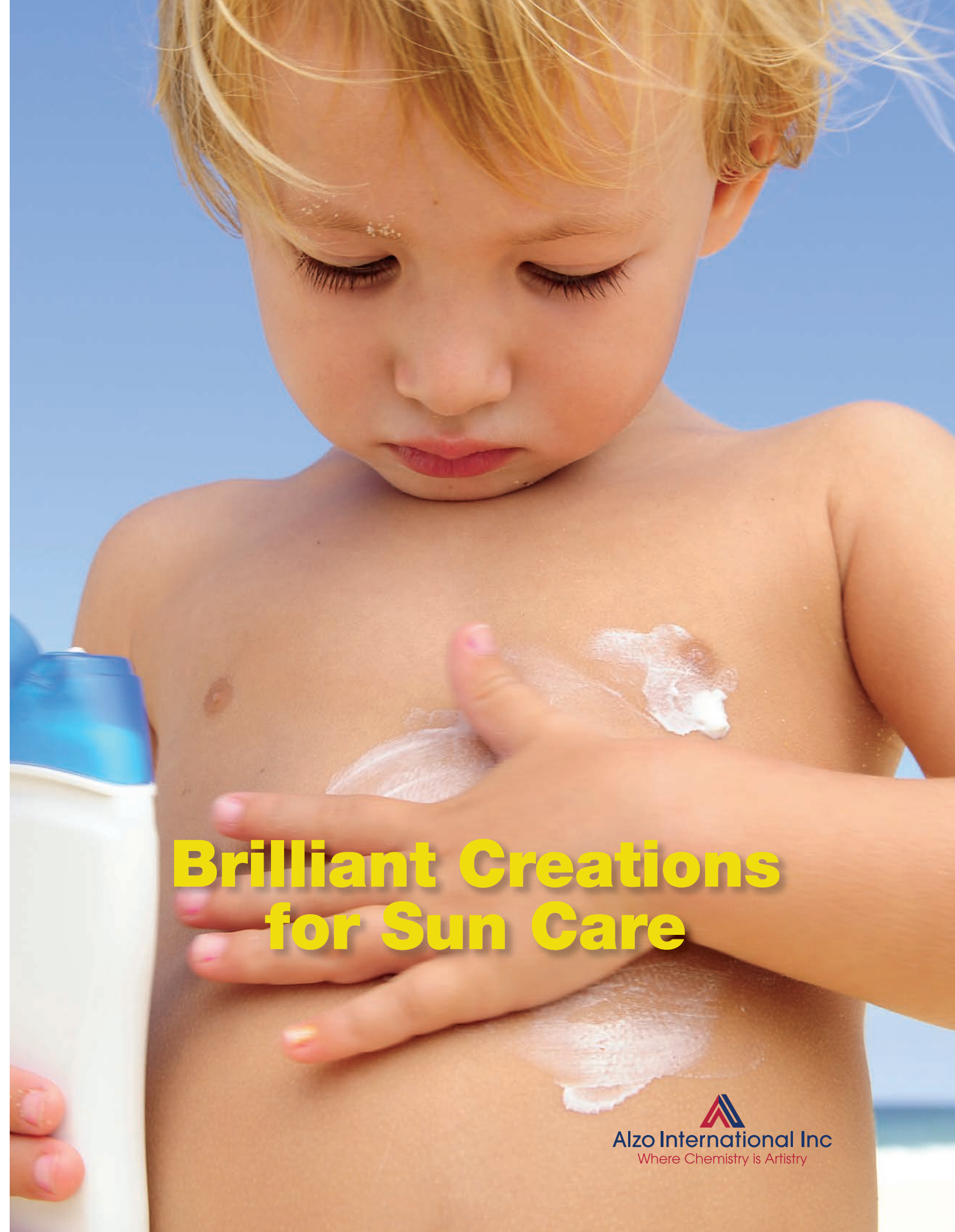
Emollient Milk SPF 4		
Product	INCI Name	% W/W
Phase A		
Water	Water	77.45
Phase B		
Cupl PIC	PPG-2 Isoceteth-20 Acetate	5.00
Elefac I-205	Octyldodecyl Neopentanoate	10.00
Hetester PHA	Propylene Glycol Isoceteth-3 Acetate	7.50
Phase C		
Preservative		0.05



Alzo International Inc

Where Chemistry is Artistry

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**Brilliant Creations
for Sun Care**



Alzo International Inc

Where Chemistry is Artistry

Bright Polymeric SOLutions for Sun Care

Patented polyurethane and crosspolymers elevate the efficiency and delivery of sunscreen formulations.

Dermothix Film Forming and Emulsification Plus Enhanced UV Absorption

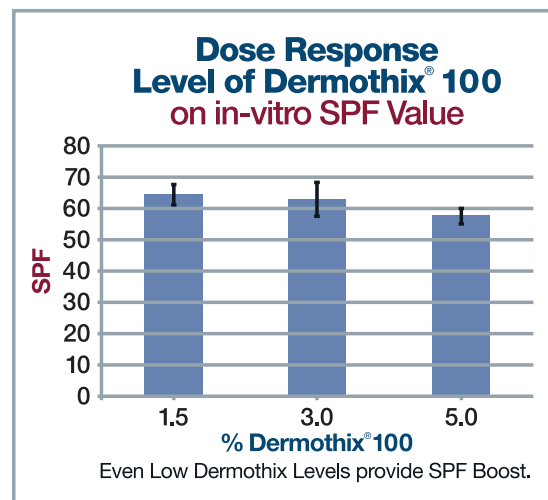
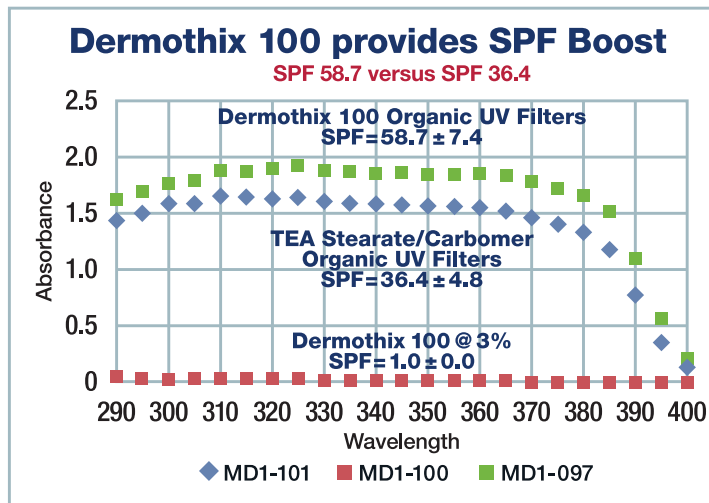
Dermothix™ 100

INCI Name:
Disteareth 100 IPDI

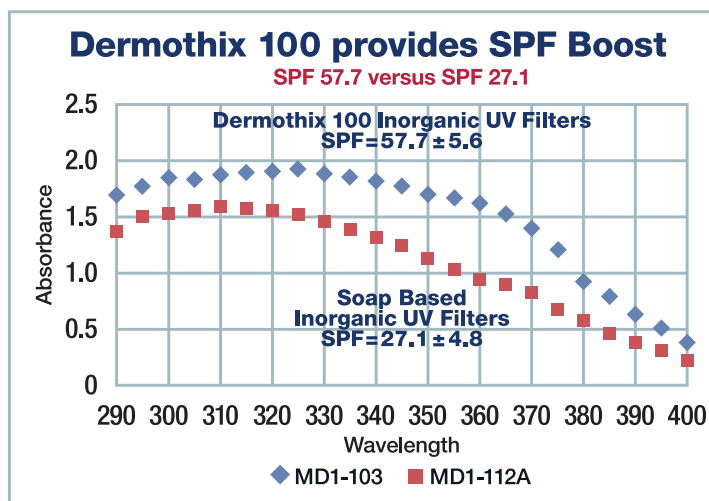
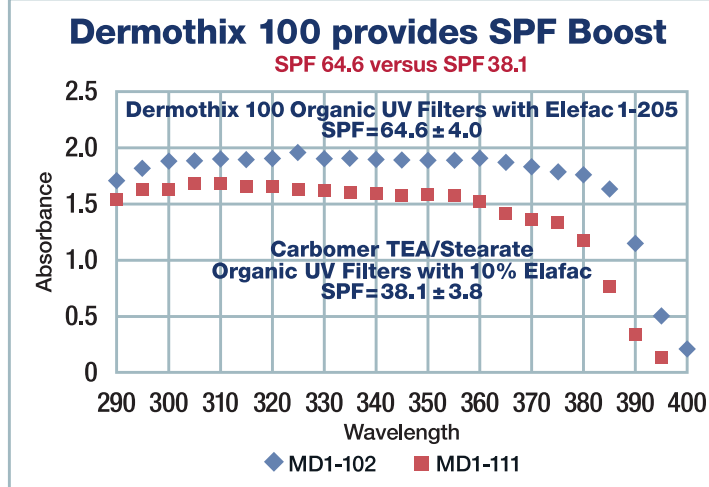
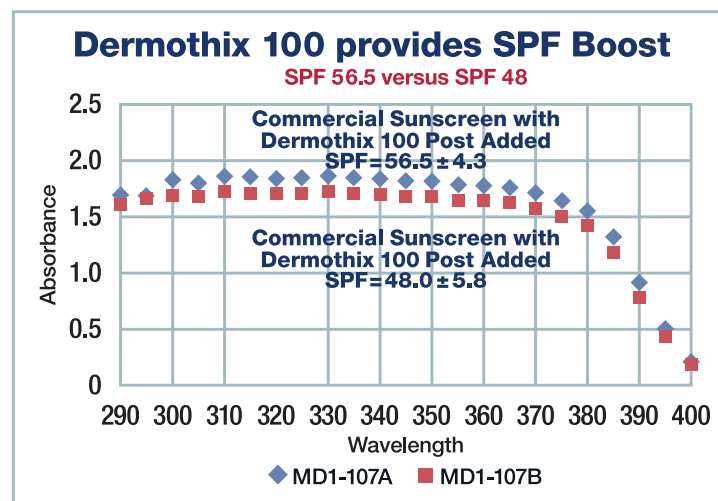
- elastic liquid when heated
- leaves smooth, even surfaces
- requires no neutralization
- no secondary emulsifiers needed
- effective at pH 2-12
- no peaks and valleys on surface



self-leveling rheology results in homogeneous films increasing SPF in sunscreen formulations when compared to TEA/Carbomer systems



In Vitro SPF testing shows Dermothix™ 100 can also increase SPF when post added to commercial sunscreen



Efficient and Emollient Actives Delivery High Payloads of UV Filters in Soft Polymer Gels

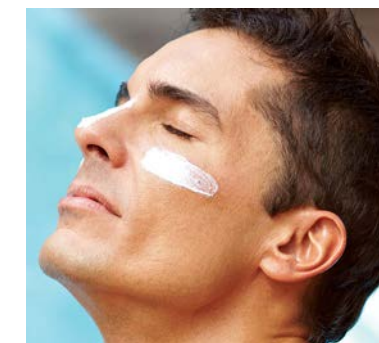
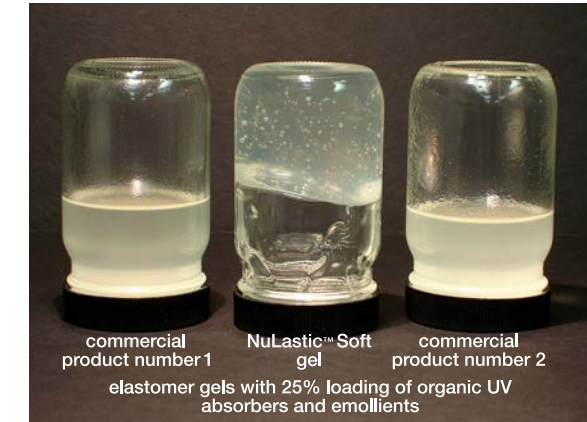
NuLastic Slip D99

INCI Name:
Isononyl Isononanoate (and) PEG-10 Dimethicone/Vinyl Dimethicone Crosspolymer

- silicone elastomers in esters and hydrocarbons
- maximum void capacity
- entraps high levels of actives
- leaves elegant skin feel

NuLastic Soft D99

INCI Name:
Isononyl Isononanoate (and) Divinyldimethicone/Dimethicone Crosspolymer



Radiant SOLutions for Sun Care

Ingredients which provide elegant skin feel and help improve the performance of UV filters.

Elefac I-205

INCI Name:
Octyldodecyl Neopentanoate
ELINICS Number:
424-370-1

- clear, low odor liquid
- moisturizer for skin
- binder and dispersant for pigments
- REACH and globally compliant

Solubilizer for Organic Sunscreens The Original Sun-Sational Emollient

