

Our "Sun-Sational" Suncare Specialties continue to make waves....

FILM FORMERS

Polyderm PE-PA

Polyderm PPG-17

Polyderm PPI-SI-WI

Polyderm PPI-SI-LSA

Polyurethane-18

PPG-17/IPDI/DMPA Copolymer (*proposed*)

Bis-PPG-15 Dimethicone/IPDI Copolymer

Bis-Hydroxyethoxypropyl Dimethicone/PEG-2

Soyamine/IPDI Copolymer

SOLUBILIZERS *for Organic Sunscreens*

Elefac I-205

Bernel Ester DCM

Dermol IDSA

Dermol DPG-2B

Octyldodecyl Neopentanoate

Dicaprylyl Maleate

Isododecyl Salicylate

Dipropylene Glycol Dibenzoate

PIGMENT WETTERS *for Inorganic Sunscreens*

Minno 21

Dermol 99

Trivent NP-13

Neopentyl Glycol Diethylhexanoate (and)

Neopentyl Glycol Diisostearate

Isononyl Isononanoate

Tridecyl Neopentanoate

EMOLLIENTS

Beantree

Dermol HD

Marrix SF

Trivent PE-48

Methylheptyl Isostearate

Hexyl Decanoate (*proposed*)

Di-C12-15 Alkyl Fumarate

Pentaerythritol Tetraoctanoate

DELIVERY SYSTEMS

NuLastic Silk D99

NuLastic SURFA ID

Isononyl Isononanoate (and) C4-24 Alkyl

Dimethicone/Divinyldimethicone Crosspolymer

Isododecane (and) Bis-Vinyldimethicone/PEG-20

Dimethicone Crosspolymer

ALZO International Inc.

Where Chemistry is Artistry

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“SUN-SATIONAL” SUNCARE FROM ALZO

POLYMERIC CATIONIC SUN SCREEN LOTION P52-025

Material	INCI	%w/w
Part A		
RO Water	Water	72.80
Dermol DPG	Dipropylene Glycol	3.00
Polyderm PPI-SA-15	IPDI/PEG-15 Soyamine	1.00
Polyderm PPI-CA-15	IPDI/PEG-15 Cocamine	1.00
Dermothix-100	Disteareth-100 IPDI	1.00
Part B		
Dermothix-100	Disteareth-100 IPDI	2.00
Cetyl Alcohol	Cetyl Alcohol	4.00
Elefac I-205	Octyldodecyl Neopentanoate	5.00
Escalol 557*	Ethylhexyl Methoxycinnamate	7.50
Escalol 567*	Benzophenone-3	2.50
Microcare MTI**	Methylisothiazolinone (&) Iodopropynyl butylcarbamate	0.20
		100.00

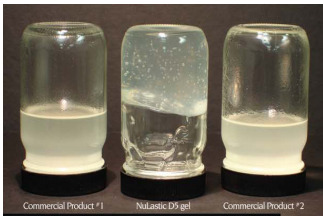
SILICONE SUNSCREEN GEL P51-269

Material	INCI	%w/w
Isododecane	Isododecane	19.50
NuLastic Silk MA, ID	Isododecane (and)C4-24 Alkyl Dimethicone/ Divinyldimethicone Crosspolymer	50.00
Elefac I-205	Octyldodecyl Neopentanoate	15.00
Escalol 587*	Octyl Salicylate (Octisalate)	5.00
Escalol 557*	Ethylhexyl Methoxycinnamate (Octinoxate)	7.50
Escalol 567*	Benzophenone-3 (Oxybenzone)	3.00
		100.00

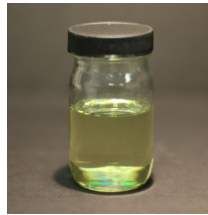
* International Specialty Products

** THOR

ACTIVES COMPATIBILITY

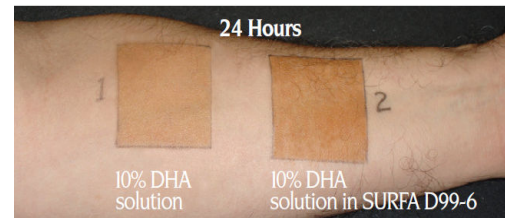


25% UVB sunscreens and emollients
in NuLastic SILK elastomer



Avobenzone & Oxybenzone
solubilized in Bernel Ester DCM

ACTIVES DELIVERY

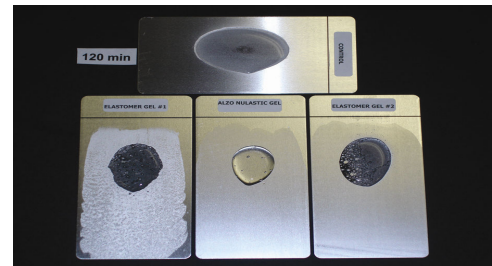


Enhanced sunless tanning with
NuLastic SURFA

PROPERTIES

Products	Emollient	Solubilizers	Film Former	Wetting Agent	Delivery
Beantree		•		•	
Bernel Ester DCM	•	•		•	
Dermol 99		•		•	
Dermol DPG-2B		•			
Dermol HD	•		•		
Dermol IDSA	•	•	•		
Elefac I-205		•		•	
Marrix SF	•		•		
Minno 21 & 41	•			•	
NuLastic SILK	•		•	•	•
NuLastic SURFA			•		•
Polyderm PE-PA			•		•
Polyderm PPG-17			•		•
Polyderm PPI-SI-LSA	•	•	•	•	
Polyderm PPI-SI-WI	•	•		•	
Trivent NP-13	•		•	•	
Trivent PE-48	•		•		

DURABLE FILM FORMING



Procedure:

1 cc of KOH solution on aluminum panels
set for 2 hours
solution removed and panels were
observed for “corrosion” and film integrity

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