

NuLastic™ Soft

The Next Generation of Silicone Elastomers

NEW!

Elastomers Gelled in Esters

■ NuLastic Soft D99

INCI Name:

Isononyl Isononanoate (and)
Divinyldimethicone/Dimethicone Crosspolymer

■ NuLastic Soft D89

INCI Name:

Ethylhexyl Isononanoate (and)
Divinyldimethicone/Dimethicone Crosspolymer

■ NuLastic Soft D5

INCI Name:

Cyclomethicone (and)
Divinyldimethicone/Dimethicone Crosspolymer

■ NuLastic Soft ID

INCI Name:

Isododecane (and)
Divinyldimethicone/Dimethicone Crosspolymer

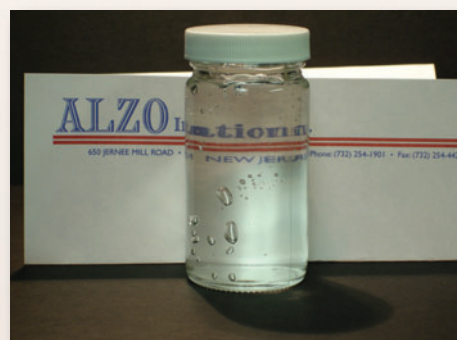
■ NuLastic Soft DM

INCI Name:

Dimethicone (and)
Divinyldimethicone/Dimethicone Crosspolymer

PROPERTIES

- patented divinyldimethicone crosspolymers swollen in cosmetic esters and solvents
- high mw "scaffold" structure allows for maximum actives entrapment
- increased viscosity; enhanced stability
- long lasting wear and film forming
- clear gel systems
- lubricious emolliency
- customized polymer concentrations and solvent blends available



30% loading of hydrogenated polyisobutene in NuLastic SOFT D5-6 gel (400,000 cps)

APPLICATIONS

- Make-Up
- Lipstick & Lip Glosses
- Mascaras & Eye Make-Up
- Facial Care
- Body Care
- Sun Care
- Shave Care
- Hair Care
- Fragrances

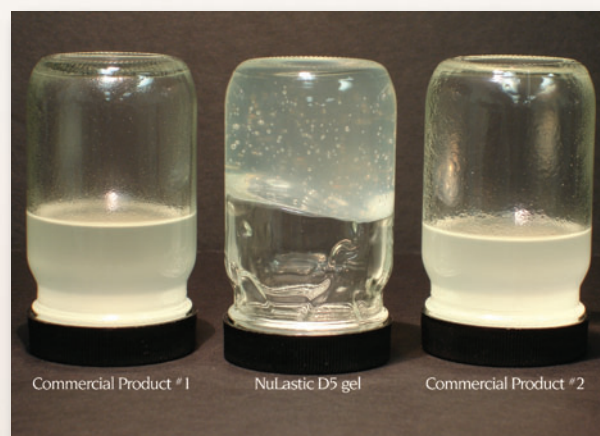
NuLastic™ Lipstick with D-99-8 jc3-238

| Product Name | INCI NAME | W/W% | Supplier |
|-----------------------------|---|---------------|-----------------|
| Part A | | | |
| NuLastic Soft D99-8 | Isononyl Isononanoate (and) Divinyldimethicone/Dimethicone Crosspolymer | 35.00 | ALZO |
| Polyderm PPI-SI-BBA | Bis-PEG-1 Dimethicone-Bis Hydroxypolydimethylsiloxane/IPDI Silane Isocyanate Copolymer (proposed) | 10.00 | ALZO |
| Polyderm PPI-CO | Castor Oil/IPDI Copolymer | 10.00 | ALZO |
| Polyderm PPI-DGDIS | Polyglyceryl-2 Diisostearate/IPDI Copolymer | 9.50 | ALZO |
| Permalene PL | Polyethylene | 6.00 | Baker Petrolite |
| Permacol 550 | C30-50 Alcohols | 8.00 | Baker Petrolite |
| SP 89 | Microcrystalline Wax | 2.00 | Strahl & Pitsch |
| SP 1020 | Ozokorite Wax | 2.00 | Strahl & Pitsch |
| Part B | | | |
| Covalumine Compari Red AS | Alumina (and) Carmine (and) Triethoxycaprylsilane | 4.00 | Sensient |
| Covalumine Red Rose AS | Alumina (and) Red 7 Lake (and) Triethoxycaprylsilane | 2.00 | Sensient |
| Covalumine Sonoma Red AS | Alumina (and) Iron Oxide (and) Triethoxycaprylsilane | 2.00 | Sensient |
| Covalumine Atlas White AS | Alumina (and) Titanium Dioxide (and) Triethoxycaprylsilane | 6.00 | Sensient |
| Cloisone Sparkle Rouge 450J | Mica (and) Iron Oxide | 3.50 | BASF |
| TOTAL | | 100.00 | |



NuLastic™ Sunscreen Gel ps1-269

| Product Name | INCI NAME | W/W% | Supplier |
|-----------------------|---|---------------|----------|
| Part A | | | |
| Ritacane | Isododecane | 19.50 | RITA |
| NuLastic Soft ID | Isododecane (and) Divinyldimethicone/Dimethicone Crosspolymer | 50.00 | ALZO |
| Part B | | | |
| Elefac I-205 | Octyldodecyl Neopentanoate | 15.00 | ALZO |
| Ethylhexyl Salicylate | Ethylhexyl Salicylate | 5.00 | ALZO |
| Ethylhexyl Cinnamate | Ethylhexyl Cinnamate | 7.50 | ALZO |
| Benzophenone-3 | Benzophenone-3 | 3.00 | ALZO |
| TOTAL | | 100.00 | |



Elastomer sunscreen gels with 25% loading of organic UV absorbers & emollients

NuLastic™ Hair Conditioner jc3-226-1

| Product Name | INCI NAME | W/W% | Supplier |
|--------------------|---|---------------|-----------|
| RO Water | Water | 77.50 | |
| Nequat DBS | Stearyl Alcohol (and) Stearamidopropyl Ethyldimonium Ethosulfate (and) Dimethyl Lauramine (and) Dilinoleic Acid | 5.00 | ALZO |
| Cosmowax P | Cetearyl Alcohol (and) Ceteareth-20 | 2.00 | CRODA |
| Nulastic Soft D5-6 | Cyclomethicone (and) Divinyldimethicone/Dimethicone Crosspolymer | 15.00 | ALZO |
| Fragrance | | .30 | |
| Microcare MTI | Methylisothiazolinone (and) Iodopropynyl Butylcarbamate | .20 | ACTI chem |
| TOTAL | | 100.00 | |



ALZO International Inc.

Where Chemistry is Artistry

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