



TREATING
YOU
RIGHT

MiyoSHADE Range

Mineral Sunscreens Solutions

- High SPF
- Easy to disperse
- Globally compliant



GENERAL INFORMATION

Sun protection is now part of a daily routine because everyone knows about the harmful effect of sun exposure. Protecting the skin is no longer an option and must be done with safe ingredients for users and the environment as well.

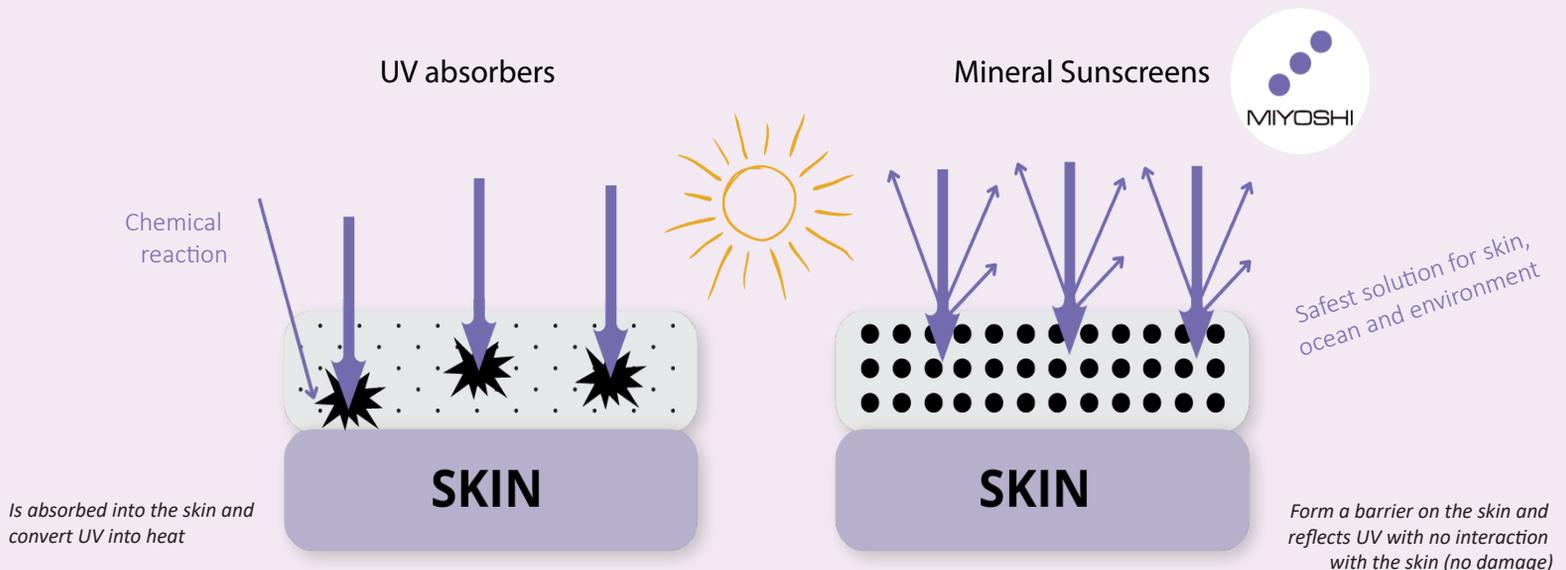
The MiyoSHADE line of inorganic TiO₂ powder sunscreens provides some of the most effective and safest protection while offering long lasting and water resistant properties. By meeting global regulatory requirements (FDA registered), these solutions guarantee success without limits.

MiyoSHADE RANGE

MiyoSHADE T-Plus	Base Material	Surface Treatment
	Titanium Dioxide	Triethoxycaprylsilane
	99%	1%

MiyoSHADE T-Clear	Base Material	Surface Treatment		
	Titanium Dioxide	Aluminum hydroxide	Stearic Acid	Dimethicone
	76.95%	9.975%	8.075%	5%

SUN PROTECTION



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MiyoSHADE Range

Mineral Sunscreens Solutions

Cream Concealer w/ SPF 25

USS-0028

A non-nano, Titanium Dioxide, light concealer with excellent coverage and an SPF of 25.



Raw Material	INCI	Supplier	Wt%	
A	Lipo® IDD 99A	Isododecane	Vantage	34.50
	Risonol 205P	Octyldodecanol	Miyoshi America	10.20
	KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu	3.50
	KF-6028	PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu	2.00
	BENTONE GEL® ISD V	Isododecane (and) Distearidimonium Hectorite (and) Propylene Carbonate	Elementis	8.50
KSG-16	PEG-100 Stearate (and) Glyceryl Stearate	Shin-Etsu	10.00	
B	MiyoSHADE T-Plus	Titanium Dioxide (and) Triethoxycaprylylsilane	Miyoshi America	15.00
	ALT-YELLOW	Iron Oxides (and) Aluminum Hydroxide (and) Triethoxycaprylylsilane	Miyoshi America	1.12
	ALT-RED	Iron Oxides (and) Aluminum Hydroxide (and) Triethoxycaprylylsilane	Miyoshi America	0.44
	ALT-BLACK	Iron Oxides (and) Aluminum Hydroxide (and) Triethoxycaprylylsilane	Miyoshi America	0.24
	Sericite CS-15	Mica	Miyoshi America	3.00
	SA-SB-300	Silica (and) Dimethicone	Miyoshi America	5.00
	MiyoFEEL SXI-L	Mica (and) Silica (and) Hydrogenated Lecithin (and) Calcium Chloride	Miyoshi America	5.00
CAB-O-SIL® TS610	Fumed Silica (and) Dimethylchlorosilane	Cabot Corporation	0.50	
C	Emeressence 1160	Phenoxyethanol	Cognis	1.00

Procedure:

- Mix phase A with a propeller mixer @ 500 rpm and heat to 65°C.
- Remove from heat and mix Phase B into Phase A and begin homogenizing at 4500 rpm for 10 minutes.
- Add Phase C to A and B and continue mixing for 3 to 4 minutes.
- Cool and package into desired containers.

IN-VIVO SPF:

FDA: 25.3
COLIPA: 23.9

Using 15.00% MiyoSHADE T-Plus (Active TiO₂ = 14.85%)

MiyoSHADE - Liquid Foundation (Pecan)

USS0022

A long wearing, **transparent** liquid foundation, with an **SPF of 37 (in-vivo FDA)**, that appears natural and blends seamlessly on the skin.



Trade Name	INCI Name	Supplier	%	
Vitamin E Acetate	Tocopherol Acetate	Spectrum	0.10	
DOWSIL™ 200 Fluid 20 CS	Dimethicone	Dow Chemical	15.00	
KF-6038	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	Shin-Etsu	6.75	
KSG-16	Dimethicone (and) Dimethicone/ Vinyl Dimethicone Crosspolymer	Shin Etsu	3.00	
Lipo® IDD 99A	Isododecane	Vantage	7.00	
A	ALT-RED	Iron Oxides (and) Triethoxycaprylylsilane	Miyoshi America	1.92
	ALT-YELLOW	Iron Oxides (and) Triethoxycaprylylsilane	Miyoshi America	4.57
	ALT-BLACK	Iron Oxides (and) Triethoxycaprylylsilane	Miyoshi America	1.19
	MiyoSHADE T-Clear	Titanium Dioxide (and) Aluminum Hydroxide (and) Stearic Acid (and) Dimethicone	Miyoshi America	13.00
SA-SB-300 (7%)	Silica (and) Dimethicone	Miyoshi America	1.00	
Water	Water	-	31.46	
Biobenefit	Artichoke [Cynara Scolymus (Artichoke) Leaf Extract, Water, BG]	Miyoshi America	1.00	
PrincessCare	Mountain Geranium [Geranium Robertianum Extract, Water, BG]Cyclopentasiloxane	Miyoshi America	1.00	
CUREPASSION	Passionflower [Passiflora Edulis Fruit Extract, Water, BG]	Miyoshi America	1.00	
B	Biocellact CHAMOMILLA BD	Matricaria [Chamomilla Recutita (Matricaria) Flower Extract, Water, BG]	Miyoshi America	1.00
	Actigum™ CS 11	Sclerotium gum	Cargill	0.50
	RonaCare® Potassium Hydroxide 30% Solution	Water (and) Potassium Hydroxide	EMD	0.01
	Xalifin® 15	PEG-8 C12-C20 Alkyl Ester	Vevey Europe	5.00
	Spectrastat™ G2	Caprylhydroxamic Acid (and) Glyceryl Natural MB	INOLEX	1.00
PHOENOXOL® L-10	Laureth-10	Phoenix Chemical	4.50	

PROCEDURE:

1. Weigh phase A in a beaker and begin homogenizing at 5000 rpm.
2. In a separate beaker, weigh the water from phase B and begin heating to 65°C.
3. Once temperature is reached, add the Xalifin-15 from phase B and begin mixing with a propeller mixer (400 to 500 rpm) for 5-10 minutes, until dissolved.
4. Then add the Actigum™ CS 11 to phase B. Continue mixing for an additional 10 minutes until gum is dissolved.
5. Add the remaining ingredients from phase B and continue mixing for 5 minutes.
6. Remove Phase B from mixing and slowly add it to Phase A. Continue homogenizing. Once incorporated, continue mixing for 10 minutes.
7. Cool and package into desired packaging.

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