

# MiyoSYN Series

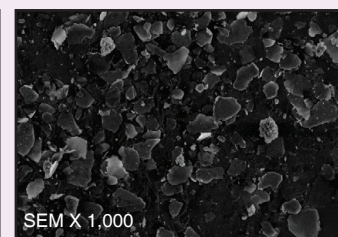
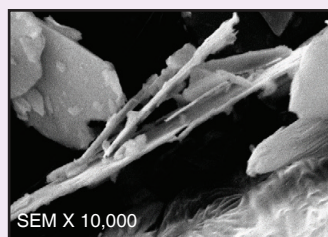
## Synthetic Micas

- MiyoSYN Matte for Superior Matte Finish
- MiyoSYN Fine for Excellent Radiance Properties
- Surface Treated Versions Available
- High Purity

### GENERAL INFORMATION

MiyoSYN Matte (low luster grade) is newly added to MiyoSYN Fine (high luster grade) in the MiyoSYN series. These two products from the MiyoSYN Series help to control Radiance - Matte level depending on the desired look.

**INCI NAME: Synthetic Fluorphlogopite**



MiyoSYN Series SEM pictures

### MIYOSYN MATTE & FINE LINEUP

Product Name	Particle Size	Base Material	Surface Treatment
MiyoSYN Matte	7µm	Synthetic Fluorphlogopite	-
MiyoSYN Matte-SA			Dimethicone
MiyoSYN Matte-ALT			Triethoxycaprylylsilane (and) Aluminum Hydroxide
MiyoSYN Matte-LS			Hydrogen Dimethicone (and) Lauroyl Lysine

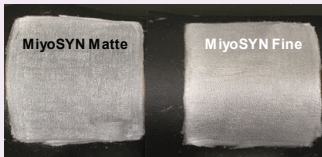
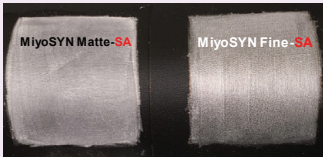
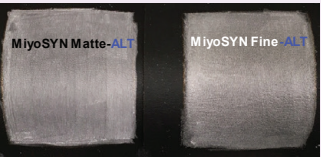
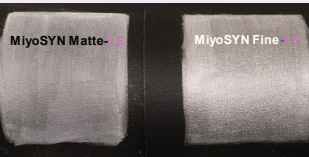
MiyoSYN Fine	11µm	Synthetic Fluorphlogopite	-
MiyoSYN Fine-SA			Dimethicone
MiyoSYN Fine-ALT			Triethoxycaprylylsilane (and) Aluminum Hydroxide
MiyoSYN Fine-LS			Hydrogen Dimethicone (and) Lauroyl Lysine

### HIGH PURITY

Elements	Limits	Elements	Limits
Lead (Pb)	≤ 1 ppm	Copper (Cu)	≤ 10 ppm
Arsenic (As)	≤ 1 ppm	Chromium (Cr)	≤ 20 ppm
Mercury (Hg)	≤ 1 ppm	Nickel (Ni)	≤ 10 ppm
Cadmium (Cd)	≤ 1 ppm	Zinc (Zn)	≤ 10 ppm
Barium (Ba)	≤ 20 ppm	Cobalt (Co)	≤ 10 ppm
Antimony (Sb)	≤ 1 ppm	Selenium (Se)	≤ 5 ppm

MiyoSYN Series is more pure compared to natural mica-based materials due to lower heavy metals and lower free crystalline silica content.

### RADIANCE COMPARISON & TREATMENT BENEFITS

Untreated	SA Treated	ALT Treated	LS Treated
			
↓	↓	↓	↓
Long Lasting	Soft Feel	Strong Adhesion	Smooth Spreadability
	Elegant Radiance		

# MiyoSYN Series

## Synthetic Micas

### Liquid Foundation

JLF0018

A liquid foundation including MiyoSYN Matte to adjust the radiance level of your skin to provide a natural matte finish.



	INCI	TRADE NAME	SUPPLIER	%
A	Cyclopentasiloxane	KF-995	Shin-Etsu	5.48
	PEG-9 Polydimethylsiloxyethyl Dimethicone	KF-6028P	Shin-Etsu	2.00
	Sorbitan Isostearate	Span 120-LQ-(RB)	CRODA	1.00
	Ethylhexyl Methoxycinnamate	Parso <sup>®</sup> MCX	DSM NUTRITIONAL	2.00
	Diphenylsiloxy Phenyl Trimethicone	KF-56A	Shin-Etsu	5.00
B	Isotridecyl Isononanoate	Crodamol TN-LQ-(JP)	CRODA	11.00
	Propylparaben	Propylparaben	-	0.20
C	Iron oxides (and) Cyclopentasiloxane (and) Dimethicone Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-Y-10/D5 (70%) MiBrid ColorMiyoshi Dispersion		2.44
	Iron oxides (and) Cyclopentasiloxane (and) Dimethicone Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-R-10/D5 (65%) MiBrid ColorMiyoshi Dispersion		0.47
	Iron oxides (and) Cyclopentasiloxane (and) Dimethicone Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-B-10/D5 (75%) MiBrid ColorMiyoshi Dispersion		0.26
	Titanium Dioxide (and) Cyclopentasiloxane (and) Dimethicone Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-TSR-10/D5 (80%) MiBrid ColorMiyoshi Dispersion		12.00
D	Cyclopentasiloxane (and) Titanium Dioxide (and) Aluminum Hydroxide (and) Dimethicone (and) Hydrogen Dimethicone	SAS-T2/D MiBrid Color Dispersion	Miyoshi	6.00
	Synthetic Fluorophlogopite (and) Triethoxycaprylsilane (and) Aluminum Hydroxide	MiyoSYN Matte-ALT	Miyoshi	5.00
E	Water	DI Water	-	35.00
	Methylparaben	Methylparaben	-	0.10
	Disodium EDTA	Disodium EDTA	-	0.05
	Glycerin	Glycerin	-	5.00
	Butylene Glycol	1,3 Butylene Glycol	-	5.00
F	Dextrin Palmitate	Rheopearl HC	Chiba Flour Milling	2.00

**PROCEDURE:** Mix and heat up Phase B until Propylparaben is dissolved. Add Phase A and B into the main tank. Mix Phase C with hand mixing until well dispersed. Add Phase C and D to the main tank, and mix until well dispersed. Mix until well dispersed and homogenize the batch. Mix Phase E with disperser until uniform and clear. Add Phase E to the main tank while mixing. Continue to homogenize 7000 rpm for 2 minutes. Add Phase F to the main tank. Heat the main tank at 84°C while mixing, then continue to mix for 15 minutes at 84°C. Cool the main tank with water while mixing. Homogenize 7000 rpm for 2 minutes.

### Natural Radiance Foundation

JPF0035

A formula designed to deliver a natural radiance look having longlasting effect with both MiyoSYN Fine and MiyoSTAY SM.



	INCI	TRADE NAME	SUPPLIER	%
A	Synthetic Fluorophlogopite (and) Triethoxycaprylsilane (and) Aluminum Hydroxide	MiyoSYN Fine-ALT	Miyoshi	10.00
	Synthetic Fluorophlogopite (and) Hydrogen Dimethicone (and) Lauroyl Lysine	MiyoSYN Fine-LS	Miyoshi	10.00
	Synthetic Fluorophlogopite (and) Dimethicone	MiyoSYN Fine-SA	Miyoshi	10.00
	Talc (and) Dimethicone	SA-TR-13R	Miyoshi	13.13
	Titanium Dioxide (and) Aluminum Hydroxide (and) Hydrogen Dimethicone (and) Dimethicone	SAS-T2 MiBrid Powder	Miyoshi	7.00
	Synthetic Fluorophlogopite (and) Hydroxyapatite (and) Zinc Hydroxide	MiyoSTAY SM	Miyoshi	10.00
	Silica (and) Dimethicone	SA-SB-300 (7%)	Miyoshi	8.00
	Mica (and) Aluminum Hydroxide	Excel <sup>®</sup> Mica JP-M	Miyoshi	5.00
	HDI (and) Trimethylol Hexyllactone Crosspolymer	Daimicbeaz CM-1077	Dainichiseika	3.00
	Nylon 12	GPA 550	Aika	3.00
B	Titanium Dioxide (and) Mica (and) Dimethicone	SAT-Fiamenco Red	Miyoshi	0.70
	Methylparaben	Methylparaben	-	0.10
C	Ethylparaben	Ethylparaben	-	0.10
	Titanium Dioxide (and) Triethoxycaprylsilane	ALT-TSR-10	Miyoshi	7.00
	Iron Oxides (and) Triethoxycaprylsilane	ALT-MSY-10	Miyoshi	1.39
	Iron Oxides (and) Triethoxycaprylsilane	ALT-MSR-10	Miyoshi	0.41
D	Iron Oxides (and) Triethoxycaprylsilane	ALT-MSB-10	Miyoshi	0.17
	Ethylhexyl Methoxycinnamate	Parso <sup>®</sup> MCX	DSM NUTRITIONAL	3.00
	Jojoba Seed Oil	Jojoba oil	Nikko Chemicals	4.00
D	Squalane	Squalane	Nisshin Oilio G	3.50
	Petrolatum	Sunwhite P-200	Nikko Rika	0.50

**PROCEDURE:** Pre-mix Phase D in a small beaker while heating at 50-60°C. Add Phase A, B and C into LAB. Mixer. Blend the Phase A, B and C with high-speed for 2 minutes. Add Pre-mixed Phase D dropwise into the powder. Blend the powder with high-speed for 2 minutes. Sift the powder with 40 mesh screen. Press the powder with a metal pan.



Excellent Radiance Properties



High Purity



Superior Matte Finish

MIYOSHI AMERICA, Inc.  
110 Louisa Viens Dr., PO Box 859,  
Dayville CT 06241, USA  
Phone: +1 860-779-3990  
www.miyoshiamerica.com

MIYOSHI KASEI, Inc.  
4-3-14 Ichigaya Grassgate-5F Kudankita,  
Chiyoda-ku, Tokyo, 102-0073, JAPAN  
Phone: +81-(0)3-62656757  
www.miyoshikasei.com

MIYOSHI EUROPE, S.A.S.  
5 Rue Paul Rieuepyroux,  
69800 Saint-Priest, FRANCE  
Phone: +33 (0)4 81 18 59 30  
www.miyoshikasei.com

MIYOSHI SUZHOU, Inc.  
No.26 SUB-Industrial Zone, No.666 Jianlin Road  
Suzhou City, Jiangsu, CHINA 215151  
Phone: +86-512-666-59282  
www.miyoshikasei.com