

# Silicone-free W/O Liquid Foundation LFSiF-7

Powder treated with **AMIAURA™ TK-01A – TK-01B** imparts high adhesiveness and a moisturized feeling to liquid foundations.

	Trade Name	INCI Name	wt%	Function
A	CR-50 *1	Titanium Dioxide	7.5	Pigment
	TAROX LL-100HP *2	Iron Oxides (CI77492)	1.22	Pigment
	TAROX R-516HP *2	Iron Oxides (CI77491)	0.19	Pigment
	TAROX BL-100HP *2	Iron Oxides (CI77499)	0.09	Pigment
	Sericite DN-MC *3	Mica	3.0	Extender
B	<b>AMIAURA™ TK-01A</b>	<b>Disodium Stearoyl Glutamate, Arginine, Glycerin, Water</b>	<b>1.74</b>	<b>Treatment agent</b>
C	<b>AMIAURA™ TK-01B</b>	<b>Calcium Chloride, Water</b>	<b>0.35</b>	<b>Treatment agent</b>
D	Uvinul MC 80 *4	Ethylhexyl Methoxycinnamate	9.0	UV absorber
	T.I.O *5	Triethylhexanoïn	3.0	Emollient
	<b>ELDEW™ SL-205</b>	<b>Isopropyl Lauroyl Sarcosinate</b>	<b>1.0</b>	<b>Emollient</b>
E	Marukasol R *6	Isododecane	10.0	Emollient
	Glymoist MO *7	Glyceryl Oleate, Glycerin	5.0	Emulsifier
	Antaron V-220F *8	VP/Eicosene Copolymer	2.0	Film-forming agent
	BENTON GEL ISD V *9	Isododecane, Disteardimonium Hectorite, Propylene Carbonate	5.0	Gelatinizing agent
	<b>AMIHOPE™ SB-102</b>	<b>Zea Mays (Corn) Starch, Lauroyl Lysine, Microcrystalline Cellulose</b>	<b>1.0</b>	<b>Sensory improver</b>
	Tocopherol	Tocopherol	0.05	Antioxidant
F	Alcohol	Alcohol	8.0	Solvent
	Highsugarcane BG *10	Butylene Glycol	6.0	Moisturizer
	Magnesium Sulfate	Magnesium Sulfate	0.5	Stabilizer
	Preservative	Preservative	q.s.	Preservative
	Water	Water	balance	Solvent
G	<b>PRODEW™ 700 (50%)</b>	<b>Sodium PCA, Sodium Polyaspartate, Butylene Glycol, Betaine, Zinc PCA, Sodium Citrate, Arginine, Serine, Lysine HCl, Glutamic Acid, Water</b>	<b>2.0</b>	<b>Skin conditioning, Moisturizer, Sebum control, Adhesion improver</b>
<b>Total</b>			<b>100.0</b>	

\* Ishihara Sangyo, \*2 Titan Kogyo, \*3 Dainihon Kasei, \*4 BASF, \*5 Nisshin Oillio, \*6 Maruzen Petrochemical, \*7 NOF, \*8 Ashland, \*9 Elementis, \*10 Kokyu Alcohol Kogyo

## <PROCEDURE>

1. Treat Part A with Parts B and C in order according to the method in TS Data No. 02010230E.
2. Add 1 to Part D and disperse at r.t. (7,000~10,000 rpm for 15 mins).
3. Add Part E to 2, and heat to 85 °C and mix uniformly.
4. Heat Part F at 85 °C.
5. Slowly add 4 to 3 with stirring and mix with a homogenizer at 85 °C. (4,000 rpm, 5 mins).
6. Slowly add Part G to 5 with stirring and mix with a homogenizer at 85 °C (4,000 rpm).
7. Cool to r.t. with stirring with a paddle mixer. (150 rpm)

## <PHYSICAL PROPERTIES and STABILITY>

Appearance: Beige, Fluid

Recommended container: Shake well container only

Viscosity: 1,730 mPa·s (B-Type M4, 30 rpm, 30 sec.)

Stability: -5°C, 5°C, 25°C, 40°C, 50°C, Cycle(0 ~ 45°C), 3 Month



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