

**Formula Name : WO Emulsion Compact**

Lot.No.38-WOF-003


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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
<b>A</b>				
Cyclopentasiloxane, PEG-10 Dimethicone, Distearidmonium Hectorite	NIKKOL Nikkomulose WO	Emulsifier	NIKKO CHEMICALS	2.5000
Cyclopentasiloxane	KF-995	Emollient agent	Shin-Etsu Chemical	29.0000
Caprylic/Capric Triglyceride	NIKKOL Triester F-810	Emollient agent	NIKKO CHEMICALS	10.0000
Ethylhexyl Methoxycinnamate	Uvinul MC80	UV filter	BASF	7.0000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone	FDP-C-WHITE3	Inorganic pigment	Toshiki Pigment	9.0000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-RED3	Inorganic pigment	Toshiki Pigment	1.5000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-YELLOW3	Inorganic pigment	Toshiki Pigment	3.0000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-BLACK3	Inorganic pigment	Toshiki Pigment	1.5000
HDI/Trimethylol Hexyllactone Crosspolymer, Silica	D-400	Texturizer	Toshiki Pigment	5.0000
<b>B</b>				
Water				20.0000
Magnesium Aluminum Silicate	Veegum HV	Thickener	Vanderbilt Minerals, LLC	0.2000
Propanediol		Moisturizer		2.0000
Sodium Chloride		Stabilizer		0.5000
Phenoxyethanol		Antimicrobial agent		0.3000
<b>C</b>				
Ceresin	CERESIN #810	Viscosity modifier	Nikko Rica	8.5000
			Total	100.0000
<b>Procedure</b>				
1. Disperse A with disperser mixer until uniform.				
2. For B, disperse Veegum HV into water by homogenizer, and then add other ingredients and mix well.				
3. While stirring A by disperser mixer, add B into A gradually and emulsify for a certain period of time.				
4. Heat A+B to 80°C, and then add C into A+B and mix until uniform.				
5. Fill the bulk into a container at 80°C, and then leave to stand and solidify at room temperature.				
<b>Physical Properties</b>			<b>Stability</b>	
			· RT, 45°C, 5°C : Confirmed for 3 month	
			· 50°C, -5°C, Cycle(-5⇔45°C) : Confirmed for 1 month	

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We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked under certain conditions.

We do not guarantee the preservation property of this formulation as we do not have checked it.

We do not guarantee that this formulation does not conflict with any patent.

It is users' responsibility to determine the suitability for their own use of the formulation.