

Confidential



NIKKOL GROUP

NIKKO CHEMICALS CO., LTD.

1 - 4 - 8 NIHONBASHI - BAKUROCHO, CHUOKU,  
TOKYO, 103 - 0002, JAPAN

Email: international\_inquiry@nikkol.co.jp

**Formula Name : Water-Popping Primer**

Lot.No.46-IHK-01

(NIKKOL Nikkomulse WO-CF: 2.0%)



<https://www.chemical-navi.com/>

INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
<b>A</b>				
Disteardimonium Hectorite, PEG-10	NIKKOL Nikkomulse WO-CF	Emulsifier	NIKKO CHEMICALS	2.0000
Dimethicone, Dimethicone				
Dimethicone	KF-96L-2cs	Emollient agent	Shin-Etsu Chemical	8.0000
Dimethicone/Vinyl Dimethicone Crosspolymer, Dimethicone	KSG-16	Texturizer	Shin-Etsu Chemical	2.0000
PEG-3 Dimethicone	KF-6015	Emulsifier	Shin-Etsu Chemical	0.1000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone	FDP-C-WHITE3	Inorganic pigment	Toshiki Pigment	2.2500
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-RED3	Inorganic pigment	Toshiki Pigment	0.6000
Titanium Dioxide, Aluminum Hydroxide, Talc, Hydrogen Dimethicone, Iron Oxides	FDP-C-YELLOW3	Inorganic pigment	Toshiki Pigment	0.1500
Synthetic Fluorphlogopite, Titanium Dioxide, Tin Oxide, Polymethyl Methacrylate, Polyvinyl Alcohol	HV-GOLD	Pearl pigment	Toshiki Pigment	0.5000
Titanium Dioxide, Synthetic Fluorphlogopite, Tin Oxide, Polymethyl Methacrylate, Polyvinyl Alcohol	HV-RED	Pearl pigment	Toshiki Pigment	1.0000
<b>B</b>				
Glycerin		Moisturizer		20.0000
Propanediol		Moisturizer		10.0000
Magnesium Sulfate		Stabilizer		0.5000
Phenoxyethanol		Antimicrobial agent		0.5000
Water				52.4000
			Total	100.0000
<b>Procedure</b>				
1. Disperse A with disperser mixer until uniform.				
2. Stir B until uniform at room temperature.				
3. While stirring A by disperser mixer, add B into A gradually and emulsify for a certain period of time.				
<b>Physical Properties</b>			<b>Stability</b>	
Initial viscosity (B type Viscometer, No.4 6rpm, 30sec.): 59900 mPa · s			· RT, 45°C, 5°C: Confirmed for 3 months	
			· 50°C, -5°C, Cycle (-5⇔45°C): Confirmed for 1 month	

20220606-2

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 have not 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.