

MiBrid Colors Dispersions

Super Easy to Handle Pigments Dispersions

- Easy to use Flowable Dispersions
- Very High Pigments Loading without the use of Surfactants
- Optimal Product for Foundations & Tinted Skin care Products
- Long Shelf Life

GENERAL INFORMATION

The most difficult part of using inorganic colors in formulations is the formulators' ability to achieve the optimum color strength for each raw material. The challenge is to get the particle size as close as possible to the primary particle size, and maintaining the particle size at that level throughout the formulation process.

The Miyoshi group has developed a range of dispersions using surface treated Titanium Dioxide and Iron Oxides in D5. Two layers of coating are combined to allow high dispersibility of the powders. This range is showing very high color strength, and offers the easiest way to handle pigments in make-up formulations as well as in skin-care.

MIBRID COLORS DISPERSIONS

Surface treatment	SA (7-8%): Dimethicone NAI (1%): Disodium Stearoyl Glutamate/Al(OH) ₃
Surfactants	NONE USED
Vehicle	Cyclopentasiloxane
Treated Pigment %	65-80%
Pigments	Universal grade (conforming to European, US, and Japanese legislation)
Property	Novel Free-flowing, surfactant-free color dispersion
Typical Viscosity	500 - 5,000 cps Could be poured from the container (except Black)
Dispersibility	Good
Gloss	Excellent
Stability in W/S	Excellent



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FDT-Q053

High coverage Foundation using easy to handle pigments.



	INCI	TRADE NAME	SUPPLIER	%
A	Titanium Dioxide (and) Cyclopentasiloxane (and) Dimethicone (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-TR-10/D5 (80%) Mibrid	Miyoshi Europe	12.40
	Iron oxides (and) Cyclopentasiloxane (and) Dimethicone (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-Y-10/D5 (70%) Mibrid	Miyoshi Europe	2.10
	Iron oxides (and) Cyclopentasiloxane (and) Dimethicone (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-R-10/D5 (65%) Mibrid	Miyoshi Europe	0.30
	Iron oxides (and) Cyclopentasiloxane (and) Dimethicone (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	SA/NAI-B-10/D5 (75%) Mibrid	Miyoshi Europe	0.20
	Cyclopentasiloxane	KF 995	Shin Etsu	6.35
	Dimethicone	KF 96 A 6 Cts	Shin Etsu	10.00
	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	KF 6038	Shin Etsu	3.00
	Cyclopentasiloxane (and) Distearidimonium hecorite (and) Propylene Carbonate	Bentone Gel VS 5 PC V	Elementis/SACI-CFPA	1.00
	Mica (and) Disodium Stearoyl Glutamate (and) Aluminum Hydroxide	NAI-M-102	Miyoshi Europe	3.00
	Silica (and) Dimethicone	SA-SB-300	Miyoshi Europe	5.00
B	Water	Water	-	50.00
	Magnesium Sulfate	Sulfate de magnesium	Carl Roch	0.75
	Xanthan Gum	Keltrol CG SFT	Azelis	0.15
	1,3 Butylene glycol	Butylene glycol	Interchimie	5.00
	Phenoxyethanol (and) Caprylyl Glycol (and) Chlorphenesin	Mikrokill Cos	Lonza/Masso	0.75

PROCEDURE:

1. Mix Phase A ingredients until complete homogenization (Turbotest VMI, propeller disperser 1200rpm, 5min).
2. Add Phase B to Phase A under stirring slowly (Turbotest VMI, propeller disperser 3 minutes, maximum speed 3300 rpm).
3. Continue to stir 5 minutes at maximum speed (3300 rpm).



Long Lasting



Excellent Color



Dispersibility in Water

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 Rieupeyroux,
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