

# Moisturizing Lotion with Microspheres

## Formula KFL-010

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
<b>1</b>	11.50	<b>SF1528</b>	Cyclopentasiloxane (And) PEG/PPG-20/15 Dimethicone	<b>Momentive/Kobo Products</b>
	8.50	<b>SF1202</b>	Cyclopentasiloxane	<b>Momentive/Kobo Products</b>
	7.50	<b>SF1214</b>	Cyclopentasiloxane (And) Dimethicone	<b>Momentive/Kobo Products</b>
	0.10	Fragrance	Fragrance	Bell Flavors & Fragrances
<b>2</b>	7.50	<b>EA-209</b>	Ethylene/Acrylic Acid Copolymer	<b>Kobo Products</b>
<b>3</b>	50.60	Deionized Water	Water	
	13.00	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
	1.00	Sodium Chloride	Sodium Chloride	Morton Salt
	0.20	RITAbate 80	Polysorbate 80	RITA Corp.
	0.10	Dowicil™ 200	Quaternium-15	Dow Chemical

100

### Manufacturing Procedure

\*Use explosion-proof mixers and equipment during batching process\*

1. Combine Part 1 liquid ingredients into main tank and homogenize for 15 minutes.
2. Sift in EA-209 slowly. Continue homogenization for 15 minutes after complete addition of microsphere.
3. In a side container using propeller agitation, mix Part 3 ingredients until solution is homogenous and clear. Add Part 3 to main tank in quarter parts mixing at least 15-20 minutes between each addition.

\*\*Batch temperature will increase while mixing.\*\*

4. When batch appears homogenous, fill into appropriate containers.

### Description

This formula was panel tested and shows a high degree of perceived moisturization, combined with an 'illuminating glow' and 'natural look'. Kobo's EA-209 Microspheres are responsible for achieving these effects within a water-in-silicone base.

### Specifications

Viscosity : RVTC @ 2.5rpm, 24hr = 312,000cps

Stability : 4 weeks @ 50°C

**Kobo Products, Inc.**

3474 South Clinton Avenue, South Plainfield, NJ 07080 - USA  
tel: +1 - 908-757-0033 fax: +1 - 908-757-0905 info@koboproductsinc.com

June, 2004

**KOBO**

www.koboproducts.com

## Formulations

Product formulations are included as illustrative examples only. Kobo Products Inc. makes no representation or warranty concerning the efficacy or safety of any product manufactured using such formulations. All statements concerning the possible use of Kobo Products Inc. are for research purposes only. Responsibility for the performance or adequate testing of any product prior to sale or use of any such product lies with the manufacturer thereof.

## Use of Products

Products sold by Kobo are designed, manufactured and sold for industrial use only. Prior to use of any such product for any application other than an industrial use, the user has the sole responsibility and obligation to determine the suitability of any such product for any such application.

## Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

## Limitation of Liability

Kobo Products Inc. shall in no event, whether the claim is based on warranty, contract, tort, strict liability, negligence or otherwise, be liable for incidental or consequential damages, or for any other damages in excess of the amount of the purchase price.

# The Powder & Dispersion Specialist

**KOBO**  
[www.koboproducts.com](http://www.koboproducts.com)

***Kobo Products, Inc.***

3474 South Clinton Avenue  
South Plainfield, NJ 07080 - USA  
tel : +1 - 908-757-0033  
fax : +1 - 908-757-0905

***Kobo Products SAS***

Rue Buissonnière. BP 67660  
31676 Labege Cedex - FRANCE  
tel : +33 - (0)5-62-88-77-40  
fax : +33 - (0)5-62-88-77-49