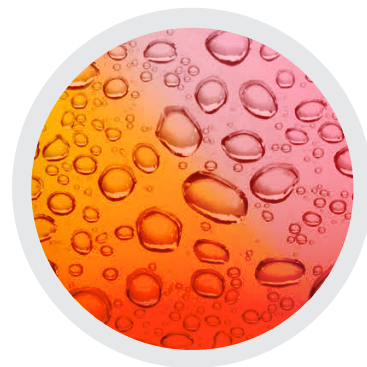


Koboguard[®] MQ

Silicone Resin Solutions



KOBOGUARD[®] MQ series is based on Trimethylsiloxysilicate (silicone resin). The resin (CAS: 68988-56-7) is water-insoluble, but completely soluble in Isododecane and Silicone Oil. It is solubilized separately in three silicones: Dimethicone, Methyl Trimethicone and Ethyl Trisiloxane.

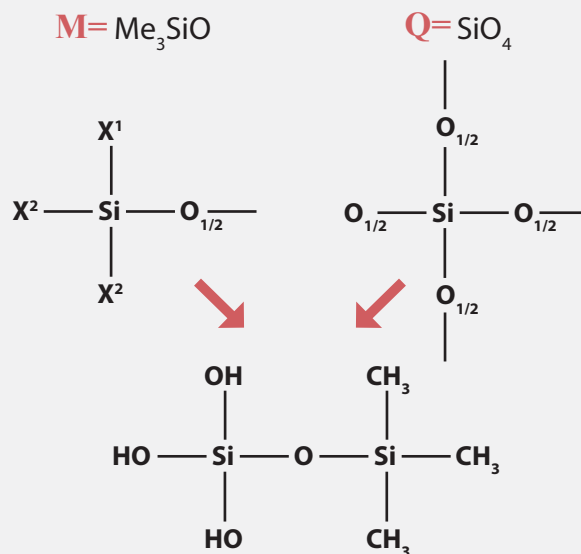
KOBOGUARD[®] MQ Resin Solutions form a protective barrier on the skin that slows down water loss, keeping skin hydrated. They help hold pigments in place while providing water resistance in skin care and color applications. These materials enhance spreadability, improve product wear and help prevent evaporation on the skin while offering a weightless feel. These excellent emollients provide a breathable film to formulations and they can be used as replacements to oils in emulsions and anhydrous products. These solutions are compatible with silicones and hydrocarbons for imparting shine, slip and compatibility in hair products as well as conditioning properties to hair and skin.

Use Level: 10-30%.

Can be added to formulas as is, to oil phase.

Applications: Creams, lotions, long-lasting color cosmetics, hair care including conditioners and sprays, solid perfumes, sun care, deodorants.

Trimethylsiloxysilicate



All ingredients are synthetically derived

Product Name	INCI Name	Active %	Appearance	Viscosity cPs@25 °C
KOBOGUARD [®] MQ60DM	Trimethylsiloxysilicate (And) Dimethicone	60	Liquid	10,000 - 50,000
KOBOGUARD [®] MQ65TMF	Trimethylsiloxysilicate (And) Methyl Trimethicone	65	Liquid	500 - 5000
KOBOGUARD [®] MQ75ETS	Trimethylsiloxysilicate (And) Ethyl Trisiloxane	75	Liquid	5000 - 40,000

KOBO

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KLP-133A-BR

Metallic Nude Liquid Lipstick

Part 1

● Permethyl® 99A - Cosmotec: <i>Isododecane</i>	14.00%
● COSMOL™ 222 - Ikeda/Kobo Products: <i>Diisostearyl Malate</i>	12.00%
● KOBOGUARD® 5400 IDD - Kobo Products: <i>Hydrogenated Polycyclopentadiene (And) Isododecane</i>	10.00%
● KOBOGUARD® MQ60DM - Kobo Products: <i>Trimethylsiloxysilicate (And) Dimethicone</i>	10.00%
● SALACOS® 99 - Ikeda/Kobo Products: <i>Isononyl Isononanoate</i>	8.00%
● CPF-3300@10cSt - Avantor/Kobo Products: <i>Phenyl Trimethicone</i>	6.00%
● PM WAX 82 - Toray/Kobo Products: <i>Polyethylene (And) Microcrystalline Wax</i>	6.00%
● CXG-1104 - Avantor/Kobo Products: <i>Dimethicone (And) Dimethicone/Vinyl Dimethicone Crosspolymer</i>	5.00%
● Bentone Gel® VS 5 PCV - Cosmotec: <i>Cyclopentasiloxane (And) Disteardimonium Hectorite (And) Propylene Carbonate</i>	3.00%
● SALACOS® 334 - Ikeda/Kobo Products: <i>Caprylic/Capric/Myristic/Stearic Triglyceride</i>	3.00%
● Tecwax Beeswax - Cosmotec: <i>Beeswax</i>	3.00%
● INBP70U - Kobo Products: <i>Titanium Dioxide (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate (And) Polyhydroxystearic Acid</i>	1.00%

● INBP75EBR - Kobo Products: <i>Iron Oxides (And) Isononyl Isononanoate (And) Isopropyl Myristate (And) Stearalkonium Hectorite (And) Polyhydroxystearic Acid (And) Isopropyl Titanium Triisostearate (And) Propylene Carbonate</i>	1.00%
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Part 2

● KTZ® ARUBAN CORAL - Kobo Products: <i>Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77491)</i>	18.00%
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Manufacturing Procedure

1. Mix Part 1 until complete dispersion of the pigments and heat to 75°C while mixing.
2. Add Part 2 and mix until homogeneous.

Description

This Liquid Lipstick features KTZ® Pearlescent Pigments that give a metallic look. The combination of KOBOGUARD® 5400 IDD and KOBOGUARD® MQ60DM offers long wear. The combination of CPF-3100@10cSt, low viscosity silicone, and SALACOS® 99, a light ester, gives spreadability and nice feel. COSMOL™ 222 acts as pigment dispersant. SALACOS® 334 gives emollience and moisturization. PM WAX 82 gives the formula structure. CXG-1104, an elastomer gel, improves feel. INBP dispersions help color development with an easy manufacturing process.



KLG-082

Lip Cream Prime Perfector with PT1BM Dispersions

Part 1

● PT1BM30R7C - Kobo Products: <i>Phenyl Trimethicone (And) Red 7 Lake (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol (And) Silica</i>	15.20%
● PT1BM40R6B - Kobo Products: <i>Phenyl Trimethicone (And) Red 6 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol</i>	10.90%
● CPF-3300@10cSt - Avantor/Kobo Products: <i>Phenyl Trimethicone</i>	9.45%
● X-22-6711D - Shin-Etsu: <i>Dimethicone (And) PEG/PPG-18/18 Dimethicone</i>	4.80%
● KF-6038 - Shin-Etsu: <i>Lauryl PEG-9 Polydimethylsiloxethyl Dimethicone</i>	2.50%
● KOBOGUARD® MQ65TMF - Kobo Products: <i>Trimethylsiloxysilicate (And) Methyl Trimethicone</i>	2.50%
● Lexol® PG-865 - Inolex: <i>Propylene Glycol Dicaprylate/Dicaprate</i>	2.50%
● SALACOS® 99 - Ikeda: <i>Isononyl Isononanoate</i>	2.50%
● SS4267 - Momentive: <i>Dimethicone (And) Trimethylsiloxysilicate</i>	2.50%
● Lipopeg® 100-S - Vantage: <i>PEG-100 Stearate</i>	1.25%
● HL7M5 - Kobo Products: <i>Hydrogenated Polyisobutene (And) Silica</i>	1.00%
● KF-6017 - Shin-Etsu: <i>PEG-10 Dimethicone</i>	1.00%
● PT1BM35B1A - Kobo Products: <i>Phenyl Trimethicone (And) Blue 1 Lake (And) Silica (And) Isopropyl Titanium Triisostearate (And) Disteardimonium Hectorite (And) 1,2-Hexanediol (And) Caprylyl Glycol</i>	0.80%
● SF1555 - Momentive: <i>Bis-Phenylpropyl Dimethicone</i>	0.75%
● Thixcin® R PC - Essential Ingredients: <i>Trihydroxystearin</i>	0.40%

Part 2

● Deionized Water - <i>Water</i>	23.35%
● Glycerin U.S.P. Natural 96% - Univar USA Inc.: <i>Glycerin</i>	4.00%
● Butylene Glycol - Ruger Chemical: <i>Butylene Glycol</i>	2.90%
● PHENOXTOL - Essential Ingredients: <i>Phenoxyethanol</i>	0.60%
● Sodium Chloride - Morton Salt: <i>Sodium Chloride</i>	0.60%
● Liposorb® L-20 - Vantage: <i>Polysorbate 20</i>	0.30%
● ALLANTOIN - Jeen International: <i>Allantoin</i>	0.10%
● Trisodium EDTA - Protameen: <i>Trisodium EDTA</i>	0.10%

Part 3

● KoboBlur™ 100 Natural - Kobo Products: <i>Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters</i>	10.00%
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Manufacturing Procedure

1. Combine Part 1 under homogenizer until uniform at 75°C.
2. Cool Part 1 to room temperature while homogenizing.
3. Combine Part 2 and prop mix until homogeneous.
4. Slowly add Part 2 to Part 1 until homogeneous.
5. Slowly add Part 3 to batch until homogeneous.

Description

This Lip Cream features Kobo's PT1BM dispersions. These dispersions are easy to use in a lip product emulsion system offering good spreadability and a silky feel upon application. Microsphere Complex, KoboBlur™ 100 Natural, gives excellent soft focus as well as a powdery after feel. Phenyl Trimethicone CPF-3300@10cSt helps give the lip cream improved payoff as well as shine. KOBOGUARD® MQ65TMF improves adhesion of the formula onto the lips and helps to offer rub-resistance. HL7M5 gellant is a thick semi-translucent liquid composed of Hydrogenated Polyisobutene and Silica.

KOBO**Koboguard® MQ**

www.koboproducts.com