



SILICON CARE 7011

**silicon rich cream : SEPINOV EMT 10 allows to emulsify
up to 80% of silicon internal phase**

Formula

A	<ul style="list-style-type: none">• Cyclopentasiloxane• ORAMIX CG110 (<i>Caprylic capric glucoside - SEPPIC</i>)• SEPINOV EMT10 (<i>Hydroxyethyl acrylate & Sodium acryloyldimethyl taurate copolymer - SEPPIC</i>)	15.00 % 2.00 % 0.20 %
B	<ul style="list-style-type: none">• Water	QSP 100%
C	<ul style="list-style-type: none">• Cyclopentasiloxane & dimethiconol	65.00 %
D	<ul style="list-style-type: none">• KATHON CG (<i>Methylchloroisothiazolinone and methylisothiazolinone - ROHM & HAAS</i>)• Fragrance	0.05% 0.30 %

Procedure (pilot DUMEK 2kg)

Premix ingredients in A. Add A into the water phase and start homogenization (rotor stator speed1=700rpm 2' then speed2=1500 rpm 8'). Then add phase C and keep homogenization for 10' at 1500rpm. Finally add ingredients in D thus homogenizing 5' more.

Comments

SEPINOV™ EMT10

Powder polymer « 2 in 1 », thickening in a wide pH range (3-10), ready to use, with an **Excellent emulsifying and stabilizing power at low level** -Innovative chemical structure with a good compatibility with specific actives ingredients and **supple texture easy to pick up.**

ORAMIX™ CG110

Non-ionic surfactant from vegetable origin. Particularly suitable to help emulsification and dispersion in cream-gel.

KATHON™ CG

Preservative

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Characteristics

Appearance	white emulsion
pH	approx. 5
Viscosity at room temp	26,000 mPa.s BROOKFIELD LV2 6rpm
Viscosity after 1 month at 45°C	14,700 mPa.s BROOKFIELD LV2 6rpm
Recovery of viscosity at RT(<i>after 1 month at 45°C</i>)	25,000 mPa.s BROOKFIELD LV2 6rpm
Stability	> M1 at room temp & 45°C > M1 after freeze thaw cycles -5 / +40°C Stable when centrifuged 20' at 3000 rpm

Assessment

It is easy to get thicker emulsions by increasing SEPINOV EMT 10 (for example 0,4% Sepinov EMT 10 gives 60,000mPa.s).

Notes

Cyclopentasiloxane : DC245 (DOW CORNING)
Cyclopentasiloxane & dimethiconol : DC1501 (DOW CORNING)
Fragrance: HEADER NEW BLUE RS 11795 (TECNICOFLOR)

7011 – SEPPIC – 0511

Since this formula has not been the object of a toxicological study, the use and handling of the products proposed is purely indicative and SEPPIC accepts no responsibility for their use by another party.

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