

SeraSense RB 21

INCI: Dimethicone (and) Trimethylsiloxysilicate

SeraSense RB 22

INCI: Cyclopentasiloxane (and) Trimethylsiloxysilicate

Applications

Lotion / Cream, Sun cream

Color cosmetic

Foundation

Deodorants

Benefits

Water resistant effect

Long lasting emolliency

Enhanced binder properties in powder

Good compatibility with other cosmetic ingredients

Description

SeraSense RB 21, SeraSense RB 22 are the blend of silicone MQ-resin(Trimethylsiloxysilicate) and dimethicone (SeraSense RB 21), cyclopentasiloxane(SeraSense RB 22). Silicone resin forms a highly durable film on the skin.

Typical Properties	SeraSense RB 21	SeraSense RB 22
Appearance	Clear Liquid	Clear Liquid
External Viscosity (cS at 25°C)	800	500
Solvent	Dimethicone	Cyclopentasiloxane
Refractive index (cS at 25°C)	1.409	1.406
CTFA / INCI Designation	Dimethicone (and) Trimethylsiloxysilicate	Cyclopentasiloxane (and) Trimethylsiloxysilicate

Solubility

Compatibility / Solubility	SeraSense RB 20	SeraSense RB 21
Water	I	I
Candelilla	I	I
Isopropyl myristate	S	S
C12-15 benzoyl alcohol	S	S
Mineral oil	I	I
Sunflower oil	I	I
Dimethicone	S	S
Cyclomethicone	S	S
I = Insoluble, S = Soluble		

Typical Properties

The values mentioned are not intended for use in preparing specifications. We have made every effort to ensure these values are correct as of the revision date of this document.

Method of Use

SeraSense RB 21, SeraSense RB 22 may be incorporated into most sunscreens and color cosmetics to enhance the long lasting property and water-resistance.

Recommended Usage Level

0.5 ~ 10% usage in various cosmetics.

Packaging

20kg/Pail and 200kg/Drums.

Storage and Shelf Life

Use it within 12months from the day of manufacture when stored at or below 25 °C.

Store in a cool dry place out of direct sunlight.

Keep out of the reach of the children.

Toxicity and Handling

Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information. You can obtain the material safety data sheet from your local KCC representative or distributor or by calling your local KCC connection.

Limited Warranty Information

Although every effort has been made to ensure that the information contained within this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Suggestions of uses should not be taken as inducements to infringe any particular existing patent.

Company Details

KCC Beauty EMEA Office:

Basildon Chemical Co. Ltd. Kimber Road, Abingdon, Oxfordshire, OX14 1RZ, United Kingdom

Tel: +44 (0) 1235 526677 **Fax:** + 44 (0) 1235 524334 **e-mail:** cosmetics@baschem.co.uk

KCC Beauty Asia Office:

344, Sapyeeeong-daero, Seocho-gu, Seoul, Korea

Tel: +82 2 3480 5000 **Fax:** +82 2 3480 5436 **e-mail:** w3webmaster@kccworld.co.kr



Scan me to find
out more about
KCC Beauty
online!