

Liveo™ TI-7012 Solid Resin

Silicone Topical Ingredients

Liveo™ TI-7012 Solid Resin is 100% trimethylsiloxysilicate resin. This solid silicone resin provides a permeable long lasting film.

In sunscreens Liveo™ TI-7012 Solid Resin can enhance the SPF wash-off resistance.

COMPOSITION

MQ Solid resin

INCI name: Trimethylsiloxysilicate

Applications, Features & Benefits:

Liveo™ TI-7012 Silicone Resin is commonly used in topical formulations due to its long lasting, film barrier and wash-off resistance properties. Such silicone solid resin is currently used in a range of dermatological consumer healthcare, medicated skin care or topical medical devices applications including protective creams, barrier creams, sticks and sprays, insect repellent products, as well as sunscreen creams and lotions.

PACKAGING

This product is available in 20 kg bags. Samples are available in 500 g.

Product information

Colour White

Thermal properties

Flash point 100 °C ASTM D 92

Other properties

Density 1230 kg/m³ ISO 1183

Storage and stability

Shelf life 24 months

Additional Information

How to use

Liveo™ TI-7012 Solid Resin can be dissolved in different organic carriers and silicone oils up to a concentration of 50% or more. It is recommended to add the resin slowly to the oil phase under agitation to prevent the resin from forming aggregates that are then difficult to re-disperse or dissolve.

Liveo™ TI-7012 Solid Resin increases the viscosity of the final blend, according to the resin concentration and the fluid nature. Increasing viscosity can improve the stability of emulsions and sticks. Added as ingredients in formulation, Liveo™ TI-7012 Solid Resin can improve the friction resistance of the formulation, which is beneficial to protective and barrier creams as well as sprays.



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