



Liveo™ TI-7021 Silicone Resin Blend

Silicone Topical Ingredients

Liveo™ TI-7021 Silicone Resin Blend is a combination of a dimethylsiloxane polymer and a high molecular weight silicone resin.

It has properties similar to a high viscosity polydimethylsiloxane fluid but with superior water repellency.

COMPOSITION

- Combination of T-Propyl silicone resin in dimethicone.

Applications, Features & Benefits:

- Liveo™ TI-7021 Silicone Resin Blend is commonly used in topical formulations due to its long lasting, film barrier properties and wash off resistance.
- This silicone resin blend is currently used in a range of dermatological consumer healthcare, medicated skin care or topical medical devices applications as protective creams, baby creams, insect repellent and sunscreen creams and lotions.

PACKAGING

This product is available in 18 kg pails and 200 kg drums. Samples are available in 500 ml bottles.

Product information

Colour	Clear -	
Polydimethylsiloxane content	100 %	PhEur 1470
Infrared spectrum	pass -	

Rheological properties

Viscosity	700 mPa.s
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Thermal properties

Flash point	100 °C	ASTM D 92
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Other properties

Refractive index	1.409
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Storage and stability

Shelf life	30 months
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Additional Information

How to use
Liveo™ TI-7021 Silicone Resin Blend is an easy to use blend of resin and dimethicone. It is compatible with a range of topical ingredients.

When preparing an emulsion, it is recommended to add Liveo™ TI-7021 Silicone Resin Blend in the oil phase.



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Chemical Media Resistance

Alcohols

- ✓ Isopropyl alcohol, 23°C
- ✗ Ethanol, 23°C

Other

- ✗ Water, 23°C

Symbols used:

- ✓ possibly resistant
Defined as: Supplier has sufficient indication that contact with chemical can be potentially accepted under the intended use conditions and expected service life. Criteria for assessment have to be indicated (e.g. surface aspect, volume change, property change).
- ✗ not recommended - see explanation
Defined as: Not recommended for general use. However, short-term exposure under certain restricted conditions could be acceptable (e.g. fast cleaning with thorough rinsing, spills, wiping, vapor exposure).

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