

# Silicone Elastomer Blend 9040

INCI: Cyclopentasiloxane (and ) Dimethicone Crosspolymer

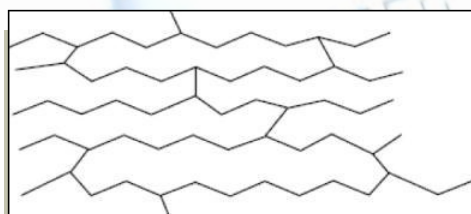
## Description:

Silicone Elastomer Blend 9040 is a mixture of high molecular weight silicone elastomer in cyclopentasiloxane. Compatible with a variety of lipophilic active ingredients such as fragrances, sunscreens, and vitamins derivatives. Acts as a thickening agent for water-in-oil and water-in-silicone formulations and silicone fluids. This blend can be used for thickening of cosmetic formulations using a cold process and novel form of delivery for other formulation components. Main application are for skin and hair care, antiperspirants and deodorants, sunscreens, color cosmetics and styling aids.



## Technical Data:

Test	Specification
Appearance @ 25°C	Clear to slightly hazy gel translucent gel
Viscosity @ 25°C	1,100,000—1,500,000 cSt.
Non-Volatile %	12.0—15.0



## Benefits:

- Provides dry smoothness and a light silky skin feel
- Enhances the aesthetics of volatile silicones
- Reduces tackiness of formulations
- Quick absorption
- Cold processing

## Formulation Tips:

- May be added to the oil phase or silicone phase in an emulsion formulation
- Silicone Elastomer Blend 9040 may be formulated into oil-in-water emulsions, water-in-silicone emulsions, water-in-oil emulsions and anhydrous products
- May be added to the oil phase or silicone phase in an emulsion formulation
- May be post-added to emulsions provided the emulsion is viscous enough for the Elastomer Blend to be dispersed
- Viscosity may be reduced by blending with dimethicone or cyclomethicone
- May be subject to heat for short period of time
- Dispersible in a variety of liquid oils.



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