



Moisil SE 51

Product introduction

Moisil SE 51 silicone elastomer is a mixture of high molecular weight silicone elastomer in Cyclopentasiloxane, used in skin care products, hair products, antiperspirant, sunscreen and make-up products. Moisil SE 51 Compared with other silicone elastomer by controlling the structure and process of the product, the skin feels smooth and fine, and it can also embody obvious powder texture.

Features and Benefits

- Give the skin a dry feeling without grease
- Performance of cyclomethyl silicone oil
- Silk slippery handle and lasting effect
- Fresh and not greasy
- Strong powder texture

Technical Specifications

Appearance	Transparent to translucent colloid
Silicone content %	100
Viscosity, cps	1500-2500
Non-volatile substances %	12-13
Flash (Closs) °C	>70
Lead (mg/kg) <0.15	N.D
Arsenic (mg/kg) <0.01	N.D
Mercury (mg/kg) <0.001	N.D

Application Guidelines

- Skin care products: all kinds of cream emulsion, sunscreen products.
- Make-up: Foundation BB cream, lipstick, makeup milk, etc.
- Hair Supplies: Hair Conditioner, Hair Oil, Hair Wax, etc.

Adding oil phase to silicone elastomer, using simple mixing can make the formulation thickening and viscosity increasing at room temperature.

Moisil SE 51 can be directly added to the oil phase or silicone oil phase in the emulsion formulation. It can be heated properly or with high shearing apparatus. If it can ensure that Moisil SE 51 can be evenly dispersed, it can also be added at the later stage of the formulation.

Packaging & Storage

Packed in iron drums, 180 kg/Drum

Avoid contact with acid-base substances at room temperature for 36 months. Beyond this time, qualified and approved use will be inspected.

Company Information

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The information provided in this Product Bulletin is believed to be accurate and reflective of the product's typical characteristics and potential applications. However, any usage suggestions provided are solely for reference and should not be construed as authorization to violate any domestic or international patents. It is the responsibility of user to conduct comprehensive testing under actual application conditions to verify the product's performance, compatibility, safety, and handling requirements.