

Product Data

Methylphenyl Silicone Fluids for Cosmetic Use

TSF431
TSF433
TSF437

PRODUCT DESCRIPTION

TSF431, TSF433 and TSF437 are products with methylphenylpolysiloxane structure.

TSF431, TSF433, TSF437

SHOGENKI [the Japanese Standards of Cosmetic Ingredients] : 104207 methylphenyloplysiloxane

INCI : Phenyl Dimethicone

KEY PERFORMANCE PROPERTIES

- ◆ Excellent miscibility with many types of cosmetic ingredients
- ◆ Excellent water repellency
- ◆ Stability against heat and ultraviolet
- ◆ Excellent release capability (non-tackiness)
- ◆ Excellent wetness due to these products have low surface tension
- ◆ Provide unique gloss and shininess
- ◆ Excellent lubricating capability

TYPICAL APPLICATION

Application examples	Effects
Hand cream, hair cream, shaving cream, protection of sunray burning, hand-lotion, hair spray, lip stick and suntan lotion	Provide shininess, spreading and water repellency
	Have a resistance in water and wet-washing
	Smooth feeling on skin
	Prevents stickiness

TYPICAL PROPERTY DATA

Product name	Appearance	Viscosity (25 °C) mm ² /S	Specific Gravity (25 °C)	Refractive Index n _D ²⁵
TSF437	Colorless transparent liquid	22	1.02	1.499
TSF431	Colorless transparent liquid	100	0.99	1.424
TSF433	Colorless transparent liquid	450	1.07	1.505

(The above are not specification values)

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PRECAUTION FOR USE

- ◆ Wear eye protection and protective gloves as required while handling the product.
- ◆ Use the product in a well ventilated area.

PRECAUTION FOR STORAGE

- ◆ Avoid direct sunlight and store the product in a dark and cold area with little moisture.
- ◆ Keep out of the reach of children.

PACKAGEING

1kg can(each case contains 10 cans)
15kg can
200kg drum can

TSF431,433,437 E
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