



silicone oil Better BK-3837

Product Description:

Better BK-3837 Silicone oil is a polydimethylsiloxane polymer used to produce substantially linear polymers with various average kinematic viscosities.

For better results, it is best to mix a low viscosity silicone oil with a high viscosity silicone oil (such as three parts of Better BK-3837 silicone oil with a viscosity of 100 cSt and one part of Better BK-3837 silicone oil with a viscosity of 12500 cSt, 50-1000 cSt). The viscosity used for low formulation polishing agents is generally between 100 and 30000 cSt. In order to achieve the highest viscosity and glossiness, silicone oil can act as a lubricant, making polishing applications and erasures easier; High viscosity silicone oil can produce higher glossiness. Due to their inherent water repellency, these polymers can cause water to form droplets on the treated surface without penetrating into the polishing film.

Features and advantages

- Easy to apply and erase
- Easy to polish
- Improve color
- High water repellency
- High compressibility
- High shear strength without cracking
- High scalability and compatibility
- Low environmental hazards
- Low fire hazard
- Low reactivity and vapor pressure
- Low surface energy
- Good thermal stability
- Essentially odorless, tasteless, and non-toxic
- Soluble in many solvents

In personal care applications:

- Gives soft and plush skin a touch
- Easy to distribute on skin and hair



- Soap removal (prevent foam during wiping)

In industrial applications:

- High dielectric strength
- High damping effect
- Resistant to oxidation, chemicals, and climate

Product specifications:

Appearance	Completely transparent
proportion	0.967g/cm ³ (25°C (77°F))
acid value, BCP	trace
Flash point, open the cup	> 326 (>620)
Volatile content%	0.07 (150°C (302°F))

Application scope:

- Active ingredients in various pastes, lotion, solvent based polishes, aerosols and other forms of automotive, furniture, metal and special polishing products.
- Active ingredients in various slurries, lotion, solvent based polishing agents, aerosols and other forms of automobiles, furniture, metals and special polishing products.

Add quantity and usage method

Better BK-3837 Silicone oil, 50-1000 cSt, has high solubility in organic solvents such as aliphatic and aromatic hydrocarbons, as well as halogenated propellants used in aerosols. When using standard emulsifiers and ordinary emulsification techniques, silicone oil is easy to emulsify in water. Better BK-3837 silicone oil is insoluble in water and many organic products.

When Better BK-3837 silicone oil, 50 - 1000 cSt silicone oil is used as a surface agent or as a soap remover and lotion, only as low as 0.1% is needed. However, for hand cream and lotion that need to form a uniform film and an effective protective layer, an addition of 1 - 10% is required.

Packaging specifications and storage:

Package specifications: 200KG/bucket

Storage: The product should be stored in unopened original containers at a temperature of 60 (140 °F) or lower.