

Silicone Gum Self-emulsifier

KM-9787

KM-9787 is a self-emulsifier of high-degree polymerization polysiloxanes. Small amounts can be added to both water and oil type to provide gloss, slip property, and abrasion resistance.

Features

- Disperses stably in water, non-polar solvents (toluene, xylene) and polar solvents (MEK, DMF, alcohol) without gel formation.
- Because it is nonionic, KM-9787 can be used with cationic or anionic compounds.
- KM-9787 does not contain xylene or toluene.
- When dispersed in solvent-based and water-based synthetic resins, and coated on the surface of synthetic leather, or internally added at the manufacturing stage of synthetic leather, it is possible to impart gloss, slip property, and scratch resistance.

Application Examples

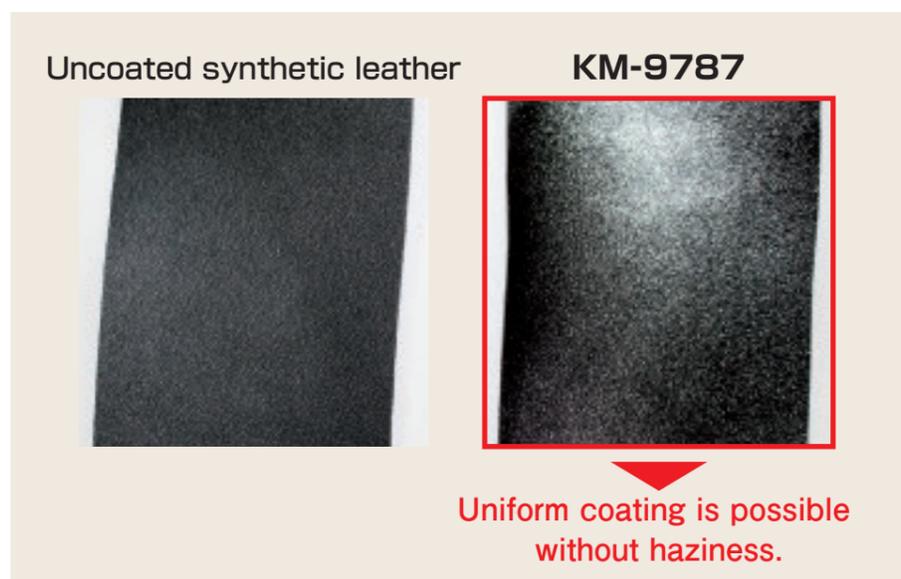
- Imparting gloss, slip property, and abrasion resistance of artificial leather and synthetic leather

General properties

Parameter	Product name	KM-9787
Appearance (color)		White
Appearance (consistency)		Paste
Non-volatile content 105°C×3	%	98
Dispersibility Concentration of 0.5%	Water	Dispersed
	DMF	Dispersed
	Acetone	Dispersed
	MEK	Dissolved
	Toluene	Dissolved

Dispersed: After dispersing in a solvent, it precipitates (Not specified values) over time, but it is redispersed by shaking.

- Coating synthetic leather with urethane resin containing 1 % silicone



Instructions for Use

Use in urethane resin, acrylic resin, or water or solvent so that the concentration is 0.2 to 10%.

