

REVOLUTIONARY GELLED POWDER GELSPERSION

SUPERCHARGED MICRONIZED WAXES

LUXURIOUS | ELEVATED AESTHETICS | EFFORTLESS

Gelspersions are an innovative line of gelled micronized wax dispersions designed to provide new levels of rich, supple and luxurious properties to personal care formulations.

Gelspersions are oil based dispersions containing some of MPI's most popular micronized waxes. These highly concentrated, high viscosity gels are designed to be easily added post-emulsification with gentle mixing, allowing the formulator great flexibility in product development/enhancement.

Gelspersion grades:

- **GelMatte 511** provides a smooth, matte finish and an excellent after-feel
- **GelCream 114S** delivers a creamy feel with soft focus properties
- **GelSlip 519** imparts increased slip with a silky feel and improved wear. Reduces oiliness

USE OF GELSPERSIONS AT A 5.0 – 10.0% LEVEL PROVIDES THE FOLLOWING BENEFITS:

- Enhancement of the properties provided by the micronized waxes
- Increased benefits of these waxes when compared to similar levels of the equivalent dry powders added in the more traditional pre-emulsification stage
- Increased playtime
- Unique texturizing effects



See typical properties on reverse side

GELSPERSION TYPICAL PROPERTIES

	PROPERTIES TEST METHOD	GELMATTE 511	GELSLIP 519	GELCREAM 114S
Dry Wax Used		MatteWax 511	Microslip 519	Microease 114s
Composition (INCI Name)	IR	Polypropylene Isohexadecane Polyamide-8 Polyhydroxystearic Acid	PTFE Isohexadecane Polyamide-8 Polyhydroxystearic Acid	Synthetic Wax Isohexadecane Polyamide-8 Polyhydroxystearic Acid
CAS No(s).		9003-07-0 93685-80-4 678991-29-2 27924-99-8	9002-84-0 93685-80-4 678991-29-2 27924-99-8	8002-74-2 93685-80-4 678991-29-2 27924-99-8
EINECS No(s).		204-062-1 297-628-2 N/A 608-150-4	204-126-9 297-628-2 N/A 608-150-4	232-315-6 297-628-2 N/A 608-150-4
Appearance		Milky Gel	Milky Gel	Milky Gel
Wax Solids		40.0% ± 0.5%	37.0% ± 0.5%	32.0% ± 0.5%
Viscosity @25°C (P)	ASTM D 2196-05	30,000 – 60,000 P	31,500 – 71,500 P	70,000 – 110,000 P
Density @25°C (g/cc)	ASTM D 792	0.82	1.00	0.82
Particle Size Analysis (Microtrac) Mean Particle Size (microns)	ASTM D 4464	10.0-15.0	5.0-6.0	6.0-8.0

REGULATORY INFORMATION

TSCA Registered

Heavy Metals: Pb < 20.0 ppm As < 3.0 ppm

Conforms to CONEG Regulations



MICRO POWDERS, INC.
High Performance Wax Additives