



MOMENTIVE
performance materials

Bright and brilliant

Household
cleaning
products



Momentive Performance Materials offers a well chosen portfolio of standard and specialty products for the home, institutional and automotive care industries.

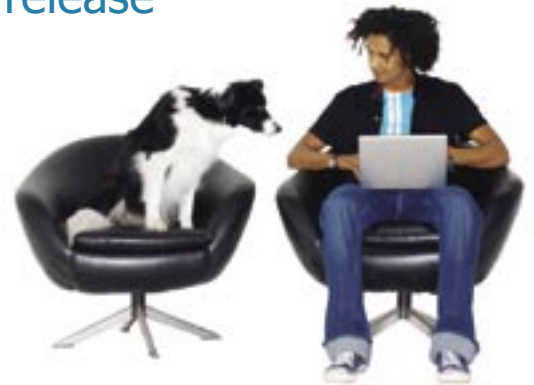
Our focus on polishes, detergents, fabric care treatments, cleaners and car care provides enabling products that embody the quality and trust Momentive has delivered for more than 50 years.





whether you are protecting
furniture, shoes, fabrics or cars,
silicone shines

our latest generation of film
formers offers greatly improved
protection and release



Protect and release

Shine and gloss





silicone oil and derivatives
leave a clear, even finish
which reflects light and
leaves a wet, shiny look
on vinyl, leather, rubber
and hard surfaces







Penetrate, wet and cover

silicone is outstanding at spreading, wetting and penetrating into cracks, crevices and other niches

this action helps cleaners, disinfectants, and other hard surface treatments to perform more efficiently

What's next?

anti-wrinkling, fabric shape retention, ease of ironing, soil release... new applications of silicone chemistry will become the new standard

let us put our innovation to work for you

and then?





Product portfolio

alkyl silicones

amino silicones

alkyl or amino emulsions

Product	Appearance	Density	Flash Point (°C)	Refractive Index	Viscosity (cstk or cP)	Functionality	Ionic Classification	Silicone Content	Solids Content
L-42	Clear, colorless liquid	1.030	82	–	400	Alkylaryl	–	100	100
PD 5	Clear, colorless liquid			1.439	4	Phenyl	–	100	100
PK 20	Clear liquid	-	123	1.460	23	Phenyl	–	100	100
SF 1147	Amber	0.890	193	1.440	1.8	Alkyl	–	100	100
SF 1632	Clear, colorless wax			–	–	Alkyl	–	100	100
SF 1642	Tan solid	0.875	100	–	–	Alkyl	–	100	100
SF 8843	Clear liquid	1.023	288	1.493	2000	Alkylaryl	–	100	100
SF 1705	Clear, colorless liquid	–	–	–	100	Amino	–	100	100
SF 1706	Clear, colorless liquid	0.986	74	–	30	Amino	–	100	100
SF 1708	Clear, colorless liquid	–	100	–	1900	Amino	–	100	100
SF 1922	Clear, colorless liquid	0.972	74	–	2000	Amino	–	100	100

Emulsions	Appearance	Density	Flash Point (°C)	Refractive Index	Viscosity (cstk or cP)	Base Oil	Ionic Classification	Silicone Content	Solids Content
LE-410	Milky, white liquid	0.990	none	–	–	L-42	Nonionic	35	37
LE-420 HS	Milky, white liquid	1.017	none	–	–	L-42	Nonionic	50	53
ALE-56	Milky, white liquid	0.992	>60	–	18	–	Cationic	35	38
ALE-75	Milky, white liquid	0.990	none	–	5000	–	Nonionic	60	62
SM 2059	Milky, off white liquid	0.976	>100	–	–	Amino	Cationic	35	38
TP-388	Clear, colorless liquid	–	none	–	400	Amino	Nonionic	32	40
TP-390	Milky, white liquid	–	none	–	10	–	Cationic	35	40
TP-442	Clear, colorless liquid	–	none	–	400	Amino	Nonionic	27	43

the gold standard for polishes,
vinyl dressings or fabric treatments

volatile silicones
PDMS oils and emulsions

Product	Appearance	Density	Flash Point (°C)	Molecular Weight	Refractive Index	Viscosity (cstk or cP)	Base Oil	Ionic Classification	Silicone Content	Solids Content
SF 1173	Clear, colorless liquid	0.956	57	296	1.397	2.3	–	–	100	–
SF 1202	Clear, colorless liquid	0.959	77	370	1.398	3.9	–	–	100	–
SF 1204	Clear, colorless liquid	0.957	62	–	1.394	2.5	–	–	100	–
M 1000	Clear, colorless liquid	0.970	>302	30,000	–	1000	–	–	100	100
M 10000	Clear, colorless liquid	0.974	>316	60,000	1.404	10000	–	–	100	100
M 100000	Clear, colorless liquid	0.978	>316	140,000	1.404	100000	–	–	100	100
M 350	Clear, colorless liquid	0.975	>302	15,000	–	350	–	–	100	100
SE-30	Clear	0.980	–	385,000	–	–	–	–	100	100
SF 96-10	Clear, colorless liquid	0.939	163	1,250	1.399	10	–	–	100	100
SF 96-100	Clear, colorless liquid	0.970	>300	6,000	1.403	100	–	–	100	100
SF 96-1000	Clear, colorless liquid	0.974	>300	28,000	1.404	1000	–	–	100	100
SF 96-20	Clear, colorless liquid	0.950	204	2,000	1.401	20	–	–	100	100
SF 96-3	Clear, colorless liquid	–	>62	530	1.394	3	–	–	100	100
SF 96-350	Clear, colorless liquid	0.973	>300	13,700	1.403	350	–	–	100	100
SF 96-5	Clear, colorless liquid	0.920	135	800	1.397	5	–	–	100	100
SF 96-50	Clear, colorless liquid	0.963	204	3,800	1.402	50	–	–	100	100
SF 96-500	Clear, colorless liquid	0.973	204	17,300	1.403	500	–	–	100	100
Viscasil®-100M	Clear, colorless liquid	0.978	>250	139,000	1.404	100000	–	–	100	100
Viscasil-10M	Clear, colorless liquid	0.975	316	62,700	1.404	10000	–	–	100	100
Viscasil-12M	Clear, colorless liquid	0.975	260	67,700	1.404	12500	–	–	100	100
Viscasil-1MM	Clear, colorless liquid	0.970	320	175,000	1.404	1000000	–	–	100	100
Viscasil-300M	Clear, colorless liquid	0.970	>250	143,000	1.404	300000	–	–	100	100
Viscasil-30M	Clear, colorless liquid	0.976	316	91,700	1.404	30000	–	–	100	100
Viscasil-500M	Clear, colorless liquid	0.970	>250	155,000	1.404	500000	–	–	100	100
Viscasil-5M	Clear, colorless liquid	0.975	260	49,300	1.404	5000	–	–	100	100
Viscasil-600M	Clear, colorless liquid	0.970	320	–	1.404	600000	–	–	100	100
Viscasil-60M	Clear, colorless liquid	0.977	204	116,500	1.404	60000	–	–	–	–

Emulsions	Appearance	Density	Flash Point (°C)	Molecular Weight	Refractive Index	Viscosity (cstk or cP)	Base Oil	Ionic Classification	Silicone Content	Solids Content
Oil Emulsion TP3370	Milky, white liquid	–	–	–	–	–	M 350	Nonionic	40	–
Oil Emulsion TP3475	Milky, white liquid	–	–	–	–	–	–	–	–	–
Oil Emulsion TP3488	Milky, white liquid	–	–	–	–	–	–	–	–	–
Oil Emulsion Z	Milky, white liquid	–	–	–	–	–	–	–	–	–
SM 2068A	Milky, off white liquid	0.976	none	–	–	350	Silanol	Anionic	35	38
SM2112	Milky, white liquid	0.976	none	–	–	–	Silanol	Cationic	35	38
SM2133	Milky, white liquid	0.976	none	–	–	100	SF96	Nonionic	50	55
SM2135	Milky, white liquid	0.976	none	–	–	1000	SF96	Nonionic	50	56
SM2140	Milky, white liquid	0.976	none	–	–	10000	Viscasil	Nonionic	50	53
SM2163	Milky, white liquid	0.976	none	–	–	350	SF96	Nonionic	60	62
SM2169	Milky, white liquid	0.976	none	–	–	-4000	–	–	–	–
SM2725	Milky, white liquid	1.010	none	–	–	2000	–	Anionic	50	-54
SM2765	Milky, white liquid	1.010	none	–	–	2000	–	Anionic	50	-54

highly cost effective performance in
polishes, and on vinyl



Product portfolio

foam control compounds and emulsions;
silicone resins

Product	Appearance	Density	Flash Point (°C)	Viscosity (cstk or cP)	Base Oil	Ionic Classification	Silicone Content	Solids Content
SAG 10	Milky, white liquid	1.000	–	2000	SAG 47	Nonionic	10	13
SAG 1000	Translucent, white liquid	0.988	–	2500	–	–	100	100
SAG 2001	Milky, white liquid	0.966	–	700	SAG 1000	Nonionic	10	13
SAG 201	Opaque, white liquid	1.000	–	3500	–	–	100	100
SAG 220	Milky, white liquid	1.000	none	800	SAG 47/SAG 201	Nonionic	20	23
SAG 240	Milky, white liquid	1.000	none	1000	SAG 47/SAG 201	Nonionic	30	38
SAG 290	Milky, white liquid	–	–	3000	SAG 47/SAG 201	Nonionic	–	–
SAG 30	Milky, white liquid	1.004	–	2000	SAG 47	Nonionic	30	35
SAG 330	Milky, white liquid	–	–	–	–	Nonionic	30	–
SAG 47	Translucent, white liquid	0.988	–	1500	–	–	100	100
SAG 7133	Milky, white liquid	–	none	2500	SAG 47	Nonionic	10	13

Resins	Appearance	Density	Flash Point (°C)	Viscosity (cstk or cP)	Solvent	Ionic Classification	Silicone Content	Solids Content
SR-1000	White solid	–	–	–	MQ Resin	–	100	100
SR-107	Clear, colorless liquid	–	–	20	Solvent	–	60	60
SR-4230	Clear, colorless liquid	–	–	130	SF 1202	–	45	45
SR-4267	Clear, colorless liquid	–	–	500	SF 96	–	35	35

foam control in detergents,
cleaning solutions or bottle filling

durability in polishes

Product portfolio

silicone polyether copolymers and other specialty silicones

Product	Appearance	Density	Flash Point (°C)	Molecular Weight	Refractive Index	Viscosity (cStk or cP)	Silicone Content	Solids Content	Cloud Point (°C)	0.1% Surface Tension (mN/m)
Silwet® L-7001	Clear, pale yellow liquid	1.023	97	20,000	–	1700	75	100	39	28.2
Silwet L-7200	Clear, colorless liquid	1.064	110	19,000	1.452	2500	100	100	–77	34.2
Silwet L-7220	Clear, colorless liquid	1.017	143	17,000	–	1100	100	100	24	26.8
Silwet L-7230	Clear, pale yellow liquid	1.033	135	29,000	–	4000	100	100	40	32.4
Silwet L-7280	Clear, pale yellow liquid	1.002	143	600	–	35	100	100	–	21.5
Silwet L-7500	Clear, pale yellow liquid	0.987	121	3,000	–	140	100	100	–	Insoluble
Silwet L-7510	Clear, pale yellow liquid	0.996	113	13,000	–	720	100	100	–	Insoluble
Silwet L-7550	Clear, pale yellow liquid	0.931	92	400	–	10	100	100	–	Insoluble
Silwet L-7600	Clear, amber liquid	1.066	74	4,000	–	110	100	100	64	25.1
Silwet L-7602	Clear, pale yellow liquid	1.027	127	3,000	–	100	100	100	<10	26.6
Silwet L-7604	Clear, amber liquid	1.074	79	4,000	–	420	100	100	50	25.4
Silwet L-7607	Clear, amber liquid	1.043	182	1,000	–	50	100	100	58	23.4
Silwet L-7608	Clear, pale yellow liquid	–1.020	118	600	–	35	100	100	–	21.4
Silwet L-7622	Clear, pale yellow liquid	1.019	110	10,000	–	400	100	100	–	Insoluble
Silwet L-7644	White wax	1.078	141	5,000	1.453	600 at 35°C	100	100	>100	35.6
Silwet L-7650	Clear, amber liquid	1.074	121	3,000	–	300	100	100	<10	23.2
Silwet L-7657	Clear, pale yellow liquid	1.090	129	5,000	1.457	600	100	100	89	27.6
Silwet L-77*	Clear, pale yellow liquid	1.007	116	600	–	20	100	100	–	20.5
Silwet L-8500	Clear, pale yellow liquid	0.989	113	2,800	1.435	250	100	100	–	Insoluble
Silwet L-8600	Clear, pale yellow liquid	1.049	121	2,100	1.446	220	100	100	76	25.4
Silwet SF 1388	White wax	–	–	2,200	–	50-350 at 40°C	100	100	98	32
Silwet SF 1488	Clear, colorless liquid	–	–	600	–	50	100	100	<10	23.1
Formasil 433	Clear, colorless liquid	0.830	110	300	1.413	5	100	100	–	–
Formasil 593	Clear, pale yellow liquid	1.027	110	–	1.443	3700	100	100	–	–
Formasil 843	Clear-hazy pale yellow liquid	1.010	67	–	1.436	<10000	30	30	–	–
Formasil 891	Clear, pale yellow liquid	1.030	84	–	1.445	500	50	50	–	–

Product	Appearance	Density	Flash Point (°C)	Molecular Weight	Viscosity (cStk or cP)	Solids Content	0.1% Surface Tension (mN/m)
Silwet Hydrostable 68	Clear liquid	1.00	116	600	20	100	21.0
Silwet Hydrostable 611	Clear liquid	1.00	116	700	50	100	25.8
Silwet Hydrostable 212	Clear liquid	0.98	165	600	65	100	26.7

penetration, wetting, coverage, and innovative properties



Product portfolio

Applications Grid Cleaners

Cleaners	Shine	Depth of Gloss	Rubout (ease of application)	Durability	Water Repellency	Stain Resistance	Lubricity (release)	Sheeting (antifog)	Foam Control
Hard Surface									
Window			Silwet* L-7608	Silwet SF 1488 Silwet L-7230				Silwet SF 1488 Silwet L-7608 Silwet L-7230 Hydrostable	SAG* 47
Kitchen Counter	Formasil* 891	Formasil 891	Silwet L-7280 Silwet L-7608	SR-107 SR-1000	SR-107 SR-1000	SR-1000 Formasil 468	Formasil 468	Silwet L-7230 Silwet L-7200 Silwet L-7280 Hydrostable	SAG 330
All-purpose	Formasil 891	Formasil 891						Hydrostable	SAG 47
Tub & Tile				Silwet L-7230			Silwet SF 1188A	Hydrostable	SAG 330
Porcelain		Formasil 891					Formasil 843	Hydrostable	SAG 330
ADW								Silwet L-7280 Silwet SF 1488 Hydrostable	SAG 47
Carpet									
			Silwet L-7600		SM 2112	SM 2112	SM 2112		SAG 330
Lubricants & Penetrants									
Metallic				SF 1147 SF 8843			SF 1147 SF 8843		
Non-metallic	SF 18-350 SF 96-350	Viscasil*-10M Viscasil-60M	SF 18-350 SF 96-350				SF 18-350 SF 96-350		
Water Repellents									
Leather				SF 1706	SF 1706	SS-4098			
Fabric				SM 2112	SM 2112	SS-4098			

Laundry & Fabric

Laundry & Fabric	Softness	Anti-wrinkle	Ease of Ironing	Durability	Fast-dry	Hydrophilicity	Reflectance	Foam Control
Detergent								
Liquid (NA)	Silwet L-7230	Formasil 468			Silwet L-7600 Hydrostable	Silwet L-7230	Silwet L-7230	SAG 330
Liquid (EU)	SR-1000	Formasil 468		SR-107	Silwet L-7600 Hydrostable	Silwet L-7230	Silwet L-7230	
Rinse-cycle								
Water-based	SF 1706	Formasil 468			Hydrostable	Silwet L-7607	Silwet L-7230	
Post-treatment								
Water-based		Formasil 468	SM 2169		Silwet L-7280 Hydrostable			



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